


Chromium (et Chrome) : Navigateurs Web

- Objet : Naviguer sur internet avec Chromium (ou Chrome).
- Niveau requis :
[débutant, avisé](#)
- Commentaires : *Installation de Chromium ou de Chrome.*
- Débutant, à savoir : [Utiliser GNU/Linux en ligne de commande, tout commence là !](#) 😊
- Suivi :
[à-tester](#)
 - Création par  [kao](#) le 01/10/2013
 - Testé par ... le ...
- Commentaires sur le forum : [ici](#)¹⁾

Introduction

Chromium est la version libre de l'explorateur internet Chrome fournit par Google, il utilise exactement le même code mais retire les morceaux propriétaires comme le logo pour pouvoir être distribué librement, notamment par les dépôts Debian.

Installation de Chromium

```
apt-get update && apt-get install chromium chromium-l10n
```



Le paquet chromium-l10n permet d'avoir l'application en français

Pour également avoir Adobe Flash, voir la page [Flash](#).

Caster sur Chromecast avec Chromium

1. Ouvrir Chromium
2. Aller dans la barre d'adresse et y écrire `about:flags`
3. Rechercher l'extension Load Media Router Component Extension
4. Mettre l'extension sur enable
5. Redémarrer le navigateur
6. Et enfin caster...

Comment élargir les barres de défilement de Chromium

Il faut d'abord télécharger et installer une extension (aussi appelé module additionnel ou complémentaire) pour éditer une

feuille de style utilisateur.

J'ai utilisé l'[extension Stylus version 1.5.25 pour Chrome](#)

ou alors, dans la barre d'adresse de Chromium, on édite:

chrome://extensions/?id=clngdbkpkpeebahjckkfobafhncgmne

J'ai édité une feuille de style utilisateur comme ceci:

```
::-webkit-scrollbar
{
    height: 24px;
    width: 24px;
}

::-webkit-scrollbar-thumb
{
    background-color: gray;
    border: green solid 4px;
}

::-webkit-scrollbar-thumb:hover
{
    background-color: #999;
    border: lime solid 4px;
}

/*
Lors d'un survol du curseur au-dessus du bouton principal,
la bordure du bouton principal de la barre de défilement et
le bouton principal vont légèrement changer de couleurs
(couleurs plus vives, moins sombres).
*/

::-webkit-scrollbar-track
{
    background-color: lightgray;
}

::-webkit-scrollbar-track:hover
{
    background-color: gainsboro;
}

/*
Lors d'un survol du curseur au-dessus de la barre de défilement,
la couleur d'arrière-plan de la barre de défilement va légèrement
changer de couleur (couleur plus pâle, moins sombre).
*/

::-webkit-scrollbar-corner
```

```
{
  background-color: beige;
}

::-webkit-resizer
{
  background-image:
url("data:image/png;base64,iVBORw0KGgoAAAANSUHEUgAAABgAAAAYCAYAAADgdz34AAADJ
HpUWHRSYXcgCHJvZmlsZSB0eXBIGV4aWYAAHja7ZdZktwgDIbf0UW0gCRA4jgspio3yPHzg7F7u
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LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
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WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
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LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
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WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4b
WV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8x
LjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs
9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5
z0mldwGNFeHQ9IHZ5bG9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC
4wLUV4aXYyIj4KIDxyZy9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9IHZ5bG
9yZy9zdGQvSXB0YzR4bWV0YS8iIHg6eG1wdGs9IlhNUCBDb3JlIDQuNC4wLUV4aXYyIj4KIDxyZ
y9kYy9lbGVtZW50cy8xLjEvIgotICAgIHhtbG5z0mldwGNFeHQ9
```

<http://debian-facile.org/>

[illegible]

}

```
/*
webkit-resizer correspond à la poignée de
redimensionnement (en bas à droite)
*/
```

```
::-webkit-scrollbar-button
```

```
{
  background-color: orange;
  border-style: solid;
  height: 24px;
  width: 24px;
}
```

```
/* Flèche haut (défilement fin) */
```

```
::-webkit-scrollbar-button:vertical:decrement
{
    border-color: transparent transparent black transparent;
    border-width: 0px 12px 21px 12px;
}
```

```
/* Flèche bas (défilement fin) */
```

```
::-webkit-scrollbar-button:vertical:increment
{
    border-color: black transparent transparent transparent;
    border-width: 21px 12px 0px 12px;
}
```

```
/* Flèche gauche (défilement fin) */
```

```
::-webkit-scrollbar-button:horizontal:decrement
{
  border-color: transparent black transparent transparent;
  border-width: 12px 21px 12px 0px;
}

/* Flèche droite (défilement fin) */
::-webkit-scrollbar-button:horizontal:increment
{
  border-color: transparent transparent transparent black;
  border-width: 12px 0px 12px 21px;
}
```

et ça réussit pour tous les sites (par défaut, le champ est S'applique à Tout) sauf les sites dont l'adresse commence par "about:" (par ex.: about:newtab) et par "chrome:".

Le code CSS ci-haut est élaboré. Il fonctionne sous Chromium version 98, Epiphany version 3.38.2 et Falkon version 3.1.0.

Davantage de personnalisation et de stylisation sont possibles.

Toutes les couleurs, les effets graphiques lors du survol et toutes les dimensions (longueur et largeur) sont personnalisables.

Voici ce que donne le code ci-haut (à essayer avec Chromium 98 ou Epiphany 3.38.2 ou Falkon 3.1.0):

<http://www.gtalbot.org/BrowserBugsSection/CSS3Scrollbars/third-test-Chromium.html>

Je suis ouvert à vos suggestions, corrections, améliorations et à vos expérimentations.

Vous pouvez me les communiquer dans

[Comment élargir les barres de défilement des navigateurs web Firefox 91 et plus et Chromium?](#)

Dernière mise à jour: 9 juin 2022

Installation de Google Chrome

Google Chrome est un logiciel propriétaire édité par Google et il embarque notamment un lecteur Flash en interne. Ce navigateur sera le seul à l'avenir à suivre les futures versions du plugin Flash, d'Adobe. Google a développé un programme qui lui permet d'utiliser une seule version d'Adobe Flash et de la rendre multi-plateforme par l'intermédiaire de l'API pepper.

Pour installer Google-Chrome:

1. Télécharger le paquet deb ici: <https://www.google.com/chrome/index.html?hl=fr>
2. Choisir la version qui vous convient, 32 ou 64 bits.
3. Rendez vous dans le répertoire de téléchargement.
4. Puis en mode administrateur:

```
dpkg -i google-chrome-stable_current_i386.deb
```

```
apt-get install -f
```

Cela créera automatiquement un fichier `google-chrome.list`, dans le répertoire `/etc/apt/sources.list.d/` avec la ligne suivante:

[google-chrome.list](#)

```
deb http://dl.google.com/linux/chrome/deb/ stable main
```



Google-Chrome sera installé dans le répertoire `/opt/google/chrome/`.

¹⁾

N'hésitez pas à y faire part de vos remarques, succès, améliorations ou échecs !

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<http://debian-facile.org/doc:reseau:chromium>

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