

Converting Colors

Hex(764C1D)

Have a look what the booklet for
Hex(764C1D) contains.

Hex(764C1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(764C1D)

Conversions

Conversions Part 1

Format	Color
Hex	764C1D
RGB	118, 76, 29
RGB Percent	46%, 30%, 11%
CMY	0.5373, 0.7020, 0.8863
CMYK	0.00, 0.36, 0.75, 0.54
HSL	32°, 61%, 29%
HSV	32°, 75%, 46%
XYZ	10.2774, 9.1091, 2.3790
YIQ	83.2000, 40.1190, -5.7130

Conversions

Conversions Part 2

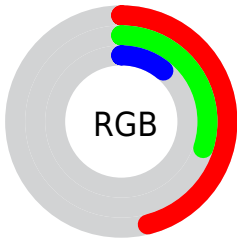
Format	Color
R_{YB}	109, 118, 29
Decimal	7752733
CIE _{Lab}	36.19, 13.23, 34.08
CIE _{LCh}	36, 36.556, 68.777
Yxy	9.1091, 0.4722, 0.4185
Android (android.graphics.Color)	4285942813 (0xFF764C1D)
YUV	83.2000, -26.7206, 30.5196
Hunter-Lab	30.1814, 7.9659, 16.4536

Details

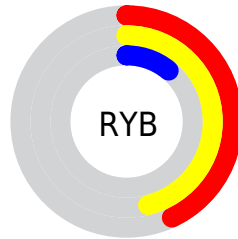
The Hex color **764C1D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D4776**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AE7D4C**, and **422000** is the 20% darker color. If you saturate the color by 10%, you get **764611**, and if you desaturate by 10%, it is **765229**.

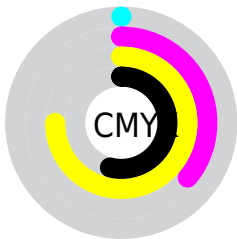
Distribution



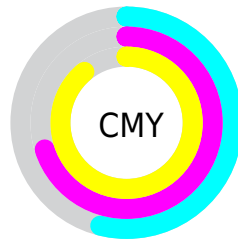
- Red (46%)
- Green (30%)
- Blue (11%)



- Red (43%)
- Yellow (46%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (75%)
- Black (54%)



- Cyan (54%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764C1D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 764C1D by changing the saturation by 10% instead.

 764C1D

 764C1D

FFFFFF

 5B3505

 AE7D4C

 422000

 CA9764

 280B00

 E7B27E

 000000

 FFCD98

 FFE9B3

 FFFFCF

 FFFFEB

 764C1D

 764C1D

■ 764611

■ 765229

■ 764105

■ 765735

■ 763E00

■ 765D40

■ 76624C

■ 766858

■ 766D64

■ 767370

■ 76797B

■ 767E87

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



874132



764C1D



5D5617

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



764C1D



00645D



624A83

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



764C1D



1D4776

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2D558F



764C1D



006279

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



764C1D



02623F



005E8B



7F3F6B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



764C1D



495C1E



005E8B



544E89

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



764C1D



998876



761D48



4D4237



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



764C1D



99570E



75761D



3B3835



7A4100



FA8400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1D4776



0E4F99



1E1D76



35383B



003A7A



0076FA

Previews

White Background



This preview shows how the Hex color 764C1D looks on a white background.

Color Contrast Check

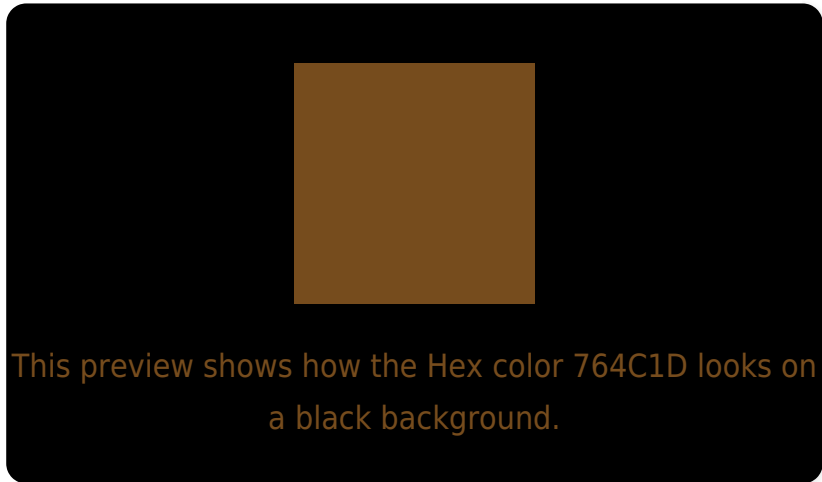
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

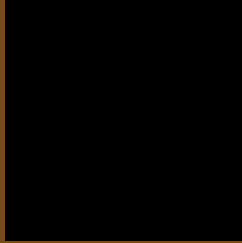
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 764C1D Background



This preview shows how black text looks on a background with the Hex color 764C1D.



This preview shows how white text looks on a background with the Hex color 764C1D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
764C1D

Protanopia
605620

Deuteranopia
6B511B



Tritanopia
79474C

Trichromacy



Original Color
764C1D

Protanomaly
68521F

Deuteranomaly
6F4F1C

Tritanomaly
78493B

Monochromacy



Original Color
764C1D

Achromatopsia
535353

Achromatomaly
60503F

CSS Examples

Text

The CSS property to change the color of the text to Hex 764C1D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #764C1D looks like.

```
.text, #text, p{  
    color:#764C1D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #764C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764C1D
}
```

Border

The CSS property to change the border of an element to Hex 764C1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

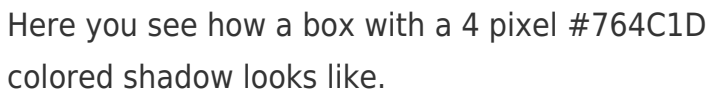
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764C1D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#764C1D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#764C1D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764C1D; -webkit-box-shadow:4px 4px  
4px 4px #764C1D; box-shadow:4px 4px 4px  
4px #764C1D }
```

Background

The CSS property to change the background color of an element to Hex 764C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764C1D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#764C1D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor