

Converting Colors

Hex(795110)

Have a look what the booklet for
Hex(795110) contains.

Hex(795110)	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(795110)

Conversions

Conversions Part 1

Format	Color
Hex	795110
RGB	121, 81, 16
RGB Percent	47%, 32%, 6%
CMY	0.5255, 0.6824, 0.9373
CMYK	0.00, 0.33, 0.87, 0.53
HSL	37°, 77%, 27%
HSV	37°, 87%, 47%
XYZ	10.9211, 9.9872, 1.8423
YIQ	85.5500, 44.7050, -11.7350

Conversions

Conversions Part 2

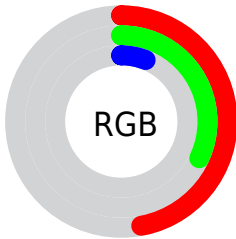
Format	Color
R_{YB}	81, 121, 16
Decimal	7950608
CIE _{Lab}	37.82, 11.10, 41.45
CIE _{LCh}	38, 42.907, 75.010
Yxy	9.9872, 0.4800, 0.4390
Android (android.graphics.Color)	4286140688 (0xFF795110)
YUV	85.5500, -34.2882, 31.0897
Hunter-Lab	31.6026, 6.3810, 18.6654

Details

The Hex color **795110** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **103879**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B18241**, and **442400** is the 20% darker color. If you saturate the color by 10%, you get **794C04**, and if you desaturate by 10%, it is **79561C**.

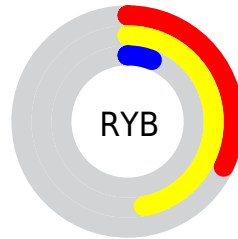
Distribution



Red (47%)

Green (32%)

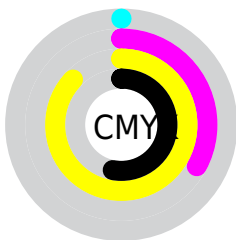
Blue (6%)



Red (32%)

Yellow (47%)

Blue (6%)

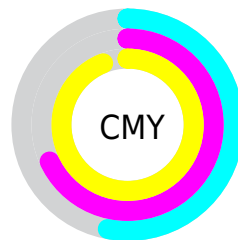


Cyan (0%)

Magenta (33%)

Yellow (87%)

Black (53%)



Cyan (53%)

Magenta (68%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 795110 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 795110 by changing the saturation by 10% instead.

 795110

 795110

FFFFFFD

 5E3A00

 B18241

 442400

 CE9C5A

 2A1000

 ECB773

 040000

 FFD38E

 000000

 FFEFA9

 FFFFC4

 FFFFEO

 795110

 795110

■ 794C04

■ 79561C

■ 794B00

■ 795A28

■ 795F34

■ 796340

■ 79684C

■ 796D59

■ 797165

■ 797671

■ 797A7D

Harmonies

Analogous

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



8F4329



795110



5A5D0C

Triad

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



795110



006A6A



71488A

Complementary

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



795110



103879

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.



36579C



795110



006889

Square

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



795110



006846



00629C



8F3B6C

Rectangle

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



795110



41621B



00629C



614D92

Sweetspot

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



795110



9E8E75



791038



4F4637



CFCFCF



4F4F4F

Same Dimension

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



795110



9E6200



6D7910



3D3B37



7D4D00



FC9C00

Inverse Universe

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



103879



003C9E



1C1079



37393D



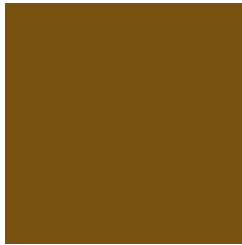
00307D



0060FC

Previews

White Background



This preview shows how the Hex color 795110 looks on a white background.

Color Contrast Check

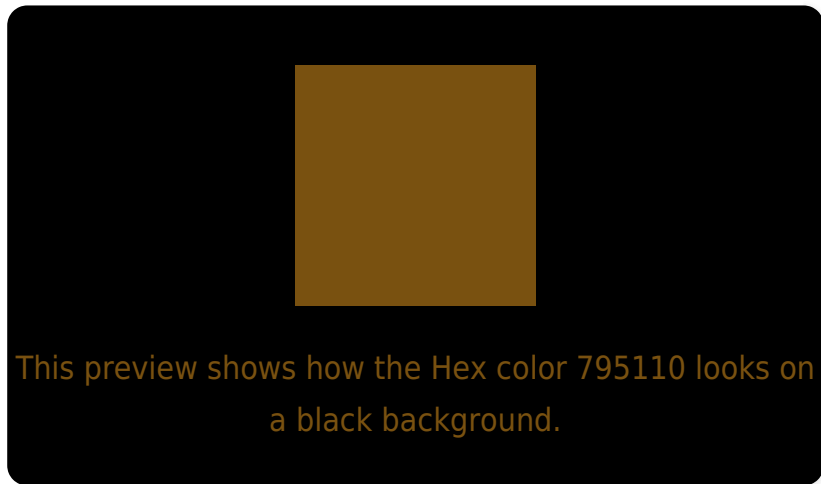
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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 795110 Background



This preview shows how black text looks on a background with the Hex color 795110.



This preview shows how white text looks on a background with the Hex color 795110.

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
795110

Protanopia
655A12

Deuteranopia
71550D



Tritanopia
7C4B51

Trichromacy



Original Color
795110

Protanomaly
6C5711

Deuteranomaly
74540E

Tritanomaly
7B4D39

Monochromacy



Original Color
795110

Achromatopsia
565656

Achromatomaly
63543D

CSS Examples

Text

The CSS property to change the color of the text to Hex 795110 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 #795110 looks like.

```
.text, #text, p{  
    color:#795110  
}
```

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 #795110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795110
}
```

Border

The CSS property to change the border of an element to Hex 795110 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
#795110 }
```

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

```
.border{ border-color:#795110 }
```

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

Here you see how a box with a 4 pixel #795110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795110; -webkit-box-shadow:4px 4px  
4px 4px #795110; box-shadow:4px 4px 4px  
4px #795110 }
```

Background

The CSS property to change the background color of an element to Hex 795110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795110 }
```

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

```
.background{ background-color:#795110 }
```

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