

Converting Colors

Hex(785316)

Have a look what the booklet for
Hex(785316) contains.

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Color

Hex(785316)

Conversions

Conversions Part 1

Format	Color
Hex	785316
RGB	120, 83, 22
RGB Percent	47%, 33%, 9%
CMY	0.5294, 0.6745, 0.9137
CMYK	0.00, 0.31, 0.82, 0.53
HSL	37°, 69%, 28%
HSV	37°, 82%, 47%
XYZ	10.9838, 10.2375, 2.1562
YIQ	87.1090, 41.6330, -11.1270

Conversions

Conversions Part 2

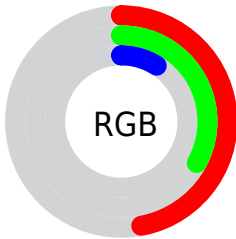
Format	Color
R_{YB}	81, 120, 22
Decimal	7885590
CIE Lab	38.27, 9.64, 39.45
CIE LCh	38, 40.612, 76.269
Yxy	10.2375, 0.4698, 0.4379
Android (android.graphics.Color)	4286075670 (0xFF785316)
YUV	87.1090, -32.0987, 28.8454
Hunter-Lab	31.9961, 5.2833, 18.4018

Details

The Hex color **785316** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **163B78**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B08446**, and **432600** is the 20% darker color. If you saturate the color by 10%, you get **784E0A**, and if you desaturate by 10%, it is **785822**.

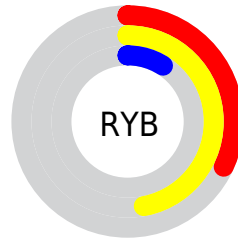
Distribution



Red (47%)

Green (33%)

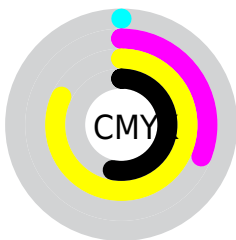
Blue (9%)



Red (32%)

Yellow (47%)

Blue (9%)

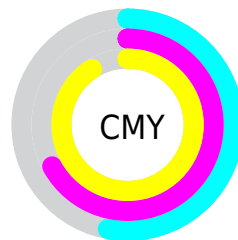


Cyan (0%)

Magenta (31%)

Yellow (82%)

Black (53%)



Cyan (53%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785316 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 785316 by changing the saturation by 10% instead.

 785316

 785316

FFFFFF

 5D3C00

 B08446

 432600

 CD9E5F

 291200

 EAB978

 060000

 FFD593

 000000

 FFF1AE

 FFFFC9

 FFFFEE

 785316

 785316

■ 784E0A

■ 785822

■ 784B00

■ 785C2E

■ 78613A

■ 786546

■ 786A52

■ 786E5E

■ 78736A

■ 787776

■ 787C82

Harmonies

Analogous

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



8D462C



785316



5A5E14

Triad

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



785316



006A6C



734A88

Complementary

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



785316



163B78

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.



3E5899



785316



006889

Square

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



785316



006949



00629A



8E3E6B

Rectangle

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



785316



426321



00629A



644E8F

Sweetspot

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



785316



9C8D75



78163C



4F4637



CFCFCF



4F4F4F

Same Dimension

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



785316



9C6203



6D7816



3D3B37



7D4E00



FC9D00

Inverse Universe

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



163B78



033D9C



211678



37393D



002F7D



005FFC

Previews

White Background



This preview shows how the Hex color 785316 looks on a white background.

Color Contrast Check

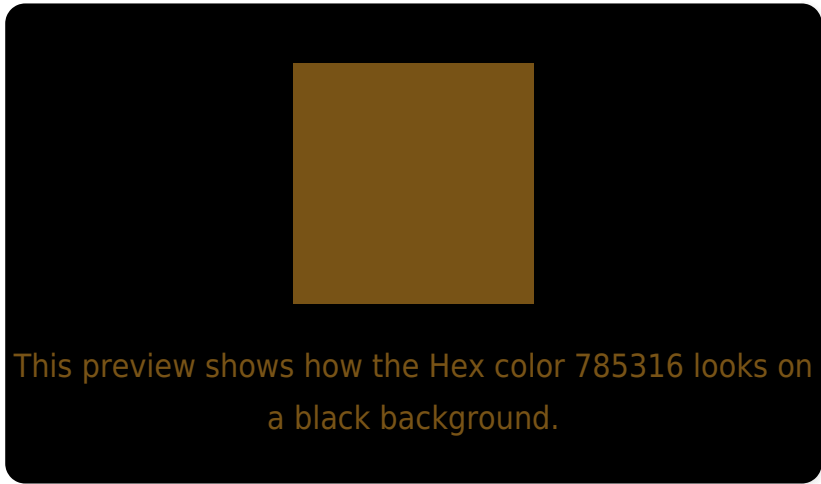
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 785316 Background



This preview shows how black text looks on a background with the Hex color 785316.



This preview shows how white text looks on a background with the Hex color 785316.

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
785316

Protanopia
665B18

Deuteranopia
725615



Tritanopia
7B4D53

Trichromacy



Original Color
785316

Protanomaly
6D5817

Deuteranomaly
745515

Tritanomaly
7A4F3D

Monochromacy



Original Color
785316

Achromatopsia
575757

Achromatomaly
63563F

CSS Examples

Text

The CSS property to change the color of the text to Hex 785316 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 #785316 looks like.

```
.text, #text, p{  
    color:#785316  
}
```

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 #785316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785316
}
```

Border

The CSS property to change the border of an element to Hex 785316 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
#785316 }
```

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

```
.border{ border-color:#785316 }
```

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

Here you see how a box with a 4 pixel #785316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785316; -webkit-box-shadow:4px 4px  
4px 4px #785316; box-shadow:4px 4px 4px  
4px #785316 }
```

Background

The CSS property to change the background color of an element to Hex 785316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785316 }
```

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

```
.background{ background-color:#785316 }
```

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](#).

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