

Converting Colors

Hex(C6810B)

Have a look what the booklet for
Hex(C6810B) contains.

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Color

Hex(C6810B)

Conversions

Conversions Part 1

Format	Color
Hex	C6810B
RGB	198, 129, 11
RGB Percent	78%, 51%, 4%
CMY	0.2235, 0.4941, 0.9569
CMYK	0.00, 0.35, 0.94, 0.22
HSL	38°, 89%, 41%
HSV	38°, 94%, 78%
XYZ	31.1994, 27.7304, 4.0247
YIQ	136.1790, 79.0020, -22.0700

Conversions

Conversions Part 2

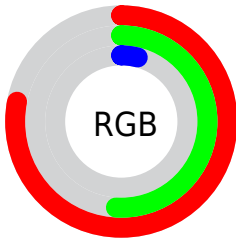
Format	Color
R_{YB}	120, 198, 11
Decimal	13009163
CIE Lab	59.64, 18.86, 63.80
CIE LCh	60, 66.527, 73.534
Yxy	27.7304, 0.4956, 0.4405
Android (android.graphics.Color)	4291199243 (0xFFC6810B)
YUV	136.1790, -61.7132, 54.2170
Hunter-Lab	52.6597, 13.6017, 32.3303

Details

The Hex color **C6810B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0B50C6**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB64A**, and **8A5000** is the 20% darker color. If you saturate the color by 10%, you get **C67D00**, and if you desaturate by 10%, it is **C6881F**.

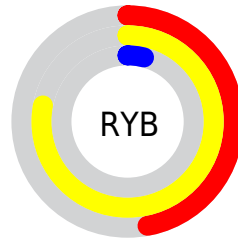
Distribution



Red (78%)

Green (51%)

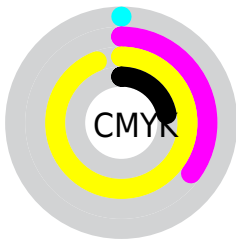
Blue (4%)



Red (47%)

Yellow (78%)

Blue (4%)

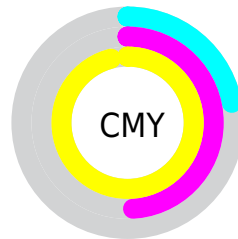


Cyan (0%)

Magenta (35%)

Yellow (94%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6810B 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 C6810B by changing the saturation by 10% instead.

 C6810B

 C6810B

FFFFFF

 A86800


 FFB64A

 8A5000

 FFD165

 6D3900

 FFEE80

 512300

 FFFF9B

 360E00

 FFFFFB7

 1F0001

 FFFFFD4

 000000

 FFFFFF1

 C6810B

 C6810B

■ C67D00

■ C6881F

■ C69033

■ C69746

■ C69E5A

■ C6A66E

■ C6AD82

■ C6B496

■ C6BBA9

■ C6C3BD

Harmonies

Analogous

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



EA6841



C6810B



939500

Triad

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



C6810B



00ABA9



B474E5

Complementary

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



C6810B



0B50C6

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.



418DFF



C6810B



00A8DF

Square

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



C6810B



00A96C



009FFF



E85AB2

Rectangle

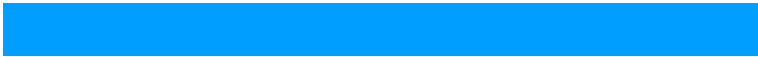
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6810B



699E20



009FFF



987DF2

Sweetspot

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



C6810B



FFE5B8



C60B53



807054



000000



808080

Same Dimension

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



C6810B



FFA100



B0C60B



63605A



A36700



241700

Inverse Universe

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



0B50C6



005EFF



210BC6



5A5D63



003CA3



000D24

Previews

White Background



This preview shows how the Hex color C6810B looks on a white background.

Color Contrast Check

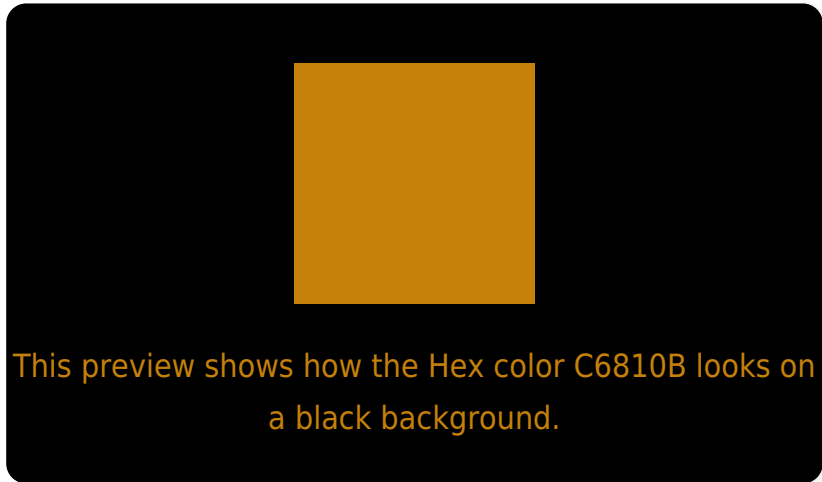
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex C6810B Background



This preview shows how black text looks on a background with the Hex color C6810B.



This preview shows how white text looks on a background with the Hex color C6810B.

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
C6810B

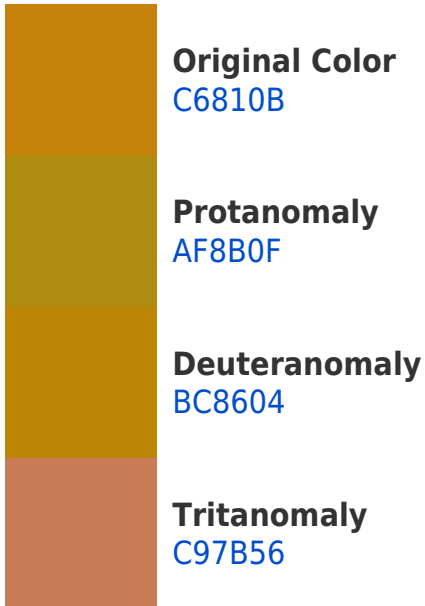
Protanopia
A29011

Deuteranopia
B68900

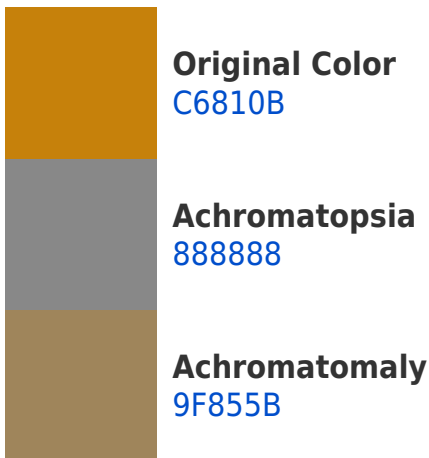


Tritanopia
CB7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6810B 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 #C6810B looks like.

```
.text, #text, p{  
    color:#C6810B  
}
```

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 #C6810B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6810B
}
```

Border

The CSS property to change the border of an element to Hex C6810B 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
#C6810B }
```

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

```
.border{ border-color:#C6810B }
```

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

Here you see how a box with a 4 pixel #C6810B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6810B; -webkit-box-shadow:4px 4px  
4px 4px #C6810B; box-shadow:4px 4px 4px  
4px #C6810B }
```

Background

The CSS property to change the background color of an element to Hex C6810B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6810B }
```

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

```
.background{ background-color:#C6810B }
```

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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