

Converting Colors

Hex(C17210)

Have a look what the booklet for
Hex(C17210) contains.

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Color

Hex(C17210)

Conversions

Conversions Part 1

Format	Color
Hex	C17210
RGB	193, 114, 16
RGB Percent	76%, 45%, 6%
CMY	0.2431, 0.5529, 0.9373
CMYK	0.00, 0.41, 0.92, 0.24
HSL	33°, 85%, 41%
HSV	33°, 92%, 76%
XYZ	28.1032, 23.4095, 3.5275
YIQ	126.4490, 78.5420, -13.7300

Conversions

Conversions Part 2

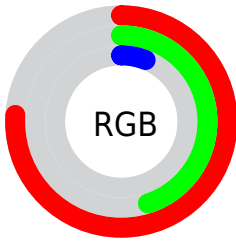
Format	Color
R _Y B	159, 193, 16
Decimal	12677648
CIE Lab	55.49, 24.95, 59.50
CIE LCh	55, 64.522, 67.254
Yxy	23.4095, 0.5106, 0.4253
Android (android.graphics.Color)	4290867728 (0xFFC17210)
YUV	126.4490, -54.4514, 58.3652
Hunter-Lab	48.3834, 19.0097, 29.5457

Details

The Hex color **C17210** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **105FC1**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FFA649**, and **854100** is the 20% darker color. If you saturate the color by 10%, you get **C16B00**, and if you desaturate by 10%, it is **C17B23**.

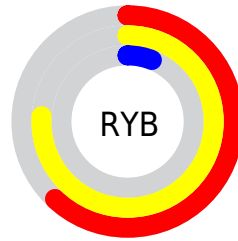
Distribution



Red (76%)

Green (45%)

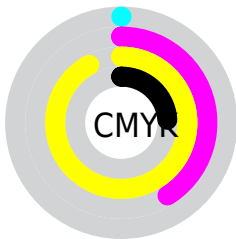
Blue (6%)



Red (62%)

Yellow (76%)

Blue (6%)

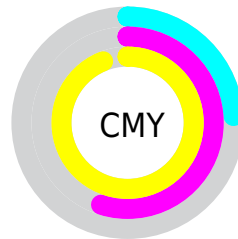


Cyan (0%)

Magenta (41%)

Yellow (92%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17210 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 C17210 by changing the saturation by 10% instead.

 C17210

 C17210

FFFFFF

 A35900

 FFA649

 854100

 FFC264

 682A00

 FFDE7E

 4C1400

 FFFA99

 310000

 FFFFB5

 0E0000

 FFFFFD1

 000000

 FFFFEE

 C17210

 C17210

 C16B00

 C17B23

 C18337

 C18C4A

 C1945D

 C19D71

 C1A684

 C1AE97

 C1B7AA

 C1C0BE

Harmonies

Analogous

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



E05944



C17210



938700

Triad

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



C17210



009F91



9770DF

Complementary

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



C17210



105FC1

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.



0087F5



C17210



009DC8

Square

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



C17210



009C57



0096EC



D255B1

Rectangle

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



C17210



6D9109



0096EC



7878E9

Sweetspot

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



C17210



FADBB4



C11060



7D6A52



FCFCFC



7D7D7D

Same Dimension

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



C17210



FA8A00



B8C110



615D57



A15900



211200

Inverse Universe

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



105FC1



0070FA



1910C1



575C61



0048A1



000F21

Previews

White Background



This preview shows how the Hex color C17210 looks on a white background.

Color Contrast Check

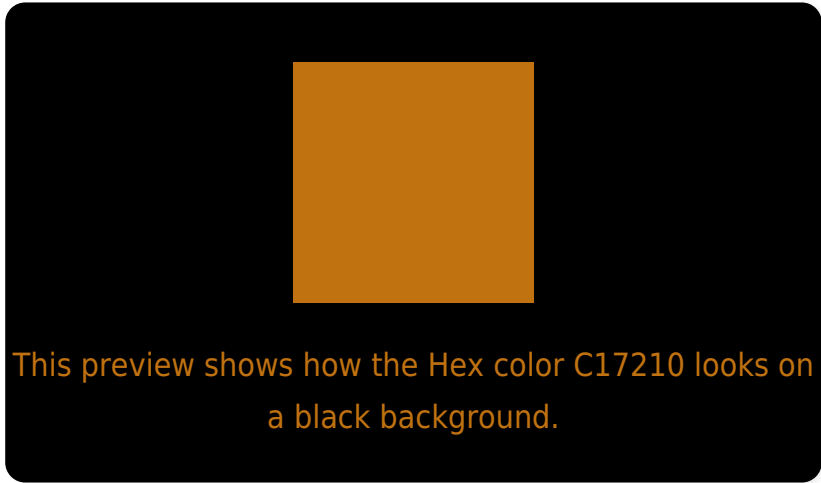
Large Text (above 18pt) WCAG AA ✓ Pass

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 C17210 Background



This preview shows how black text looks on a background with the Hex color C17210.



This preview shows how white text looks on a background with the Hex color C17210.

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
C17210

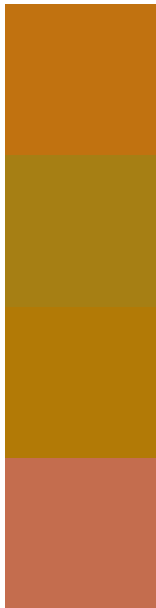
Protanopia
968616

Deuteranopia
A97F00



Tritanopia
C56A72

Trichromacy



Original Color
C17210

Protanomaly
A67F14

Deuteranomaly
B27A06

Tritanomaly
C46D4E

Monochromacy



Original Color
C17210

Achromatopsia
7E7E7E

Achromatomaly
967A56

CSS Examples

Text

The CSS property to change the color of the text to Hex C17210 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 #C17210 looks like.

```
.text, #text, p{  
    color:#C17210  
}
```

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 #C17210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17210
}
```

Border

The CSS property to change the border of an element to Hex C17210 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
#C17210 }
```

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

```
.border{ border-color:#C17210 }
```

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

Here you see how a box with a 4 pixel #C17210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17210; -webkit-box-shadow:4px 4px  
4px 4px #C17210; box-shadow:4px 4px 4px  
4px #C17210 }
```

Background

The CSS property to change the background color of an element to Hex C17210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17210 }
```

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

```
.background{ background-color:#C17210 }
```

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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