

Converting Colors

Hex(C17218)

Have a look what the booklet for
Hex(C17218) contains.

Hex(C17218)	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(C17218)

Conversions

Conversions Part 1

Format	Color
Hex	C17218
RGB	193, 114, 24
RGB Percent	76%, 45%, 9%
CMY	0.2431, 0.5529, 0.9059
CMYK	0.00, 0.41, 0.88, 0.24
HSL	32°, 78%, 43%
HSV	32°, 88%, 76%
XYZ	28.1745, 23.4380, 3.9032
YIQ	127.3610, 75.9740, -11.2420

Conversions

Conversions Part 2

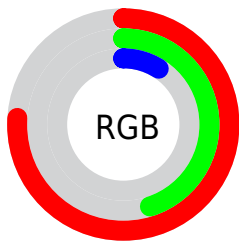
Format	Color
RYB	172, 193, 24
Decimal	12677656
CIELab	55.52, 25.10, 57.37
CIELCh	56, 62.619, 66.366
Yxy	23.4380, 0.5075, 0.4222
Android (android.graphics.Color)	4290867736 (0xFFC17218)
YUV	127.3610, -50.9570, 57.5654
Hunter-Lab	48.4128, 19.1580, 29.1089

Details

The Hex color **C17218** 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 **1867C1**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FFA64E**, and **854100** is the 20% darker color. If you saturate the color by 10%, you get **C16905**, and if you desaturate by 10%, it is **C17B2B**.

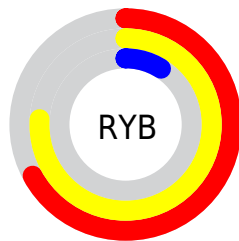
Distribution



Red (76%)

Green (45%)

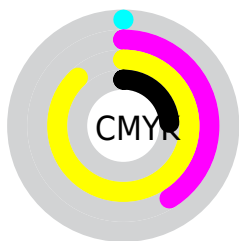
Blue (9%)



Red (67%)

Yellow (76%)

Blue (9%)

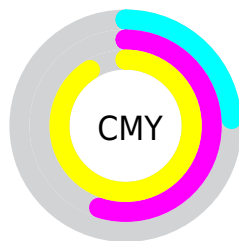


Cyan (0%)

Magenta (41%)

Yellow (88%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17218 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 C17218 by changing the saturation by 10% instead.

 C17218

 C17218

FFFFFF

 A35900

 FFA64E

 854100

 FFC268

 682A00

 FFDE83

 4C1400

 FFFA9E

 310000

 FFFFBA

 0F0000

 FFFFFD6

 000000

 FFFFFF3

 C17218

 C17218

 C16905

 C17B2B

 C16700

 C1843F

 C18D52

 C19665

 C19F79

 C1A88C

 C1B19F

 C1BAB2

 C1C3C6

Harmonies

Analogous

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



DE5A47



C17218



958600

Triad

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



C17218



009E8F



9571DD

Complementary

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



C17218



1867C1

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.



0088F2



C17218



009DC4

Square

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



C17218



009B57



0096E8



CF58B2

Rectangle

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



C17218



709010



0096E8



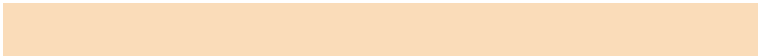
7779E7

Sweetspot

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



C17218



FADCB9



C1186A



7D6B56



FCFCFC



7D7D7D

Same Dimension

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



C17218



FA8500



BEC118



615C57



A15600



211200

Inverse Universe

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



1867C1



0075FA



1B18C1



575C61



004BA1



000F21

Previews

White Background



This preview shows how the Hex color C17218 looks on a white background.

Color Contrast Check

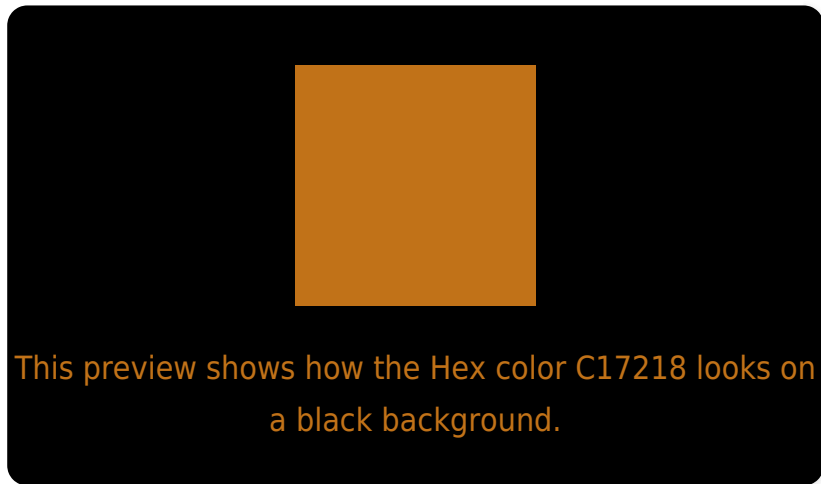
Large Text (above 18pt) WCAG AA ✓ Pass

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 C17218 Background



This preview shows how black text looks on a background with the Hex color C17218.



This preview shows how white text looks on a background with the Hex color C17218.

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
C17218

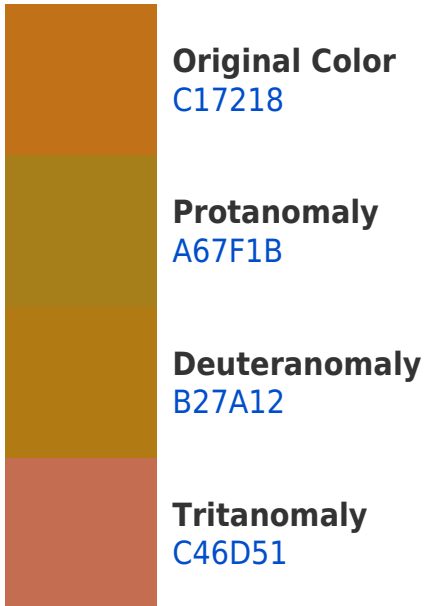
Protanopia
96861D

Deuteranopia
A97F0E



Tritanopia
C56A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C17218 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 #C17218 looks like.

```
.text, #text, p{  
    color:#C17218  
}
```

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 #C17218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17218
}
```

Border

The CSS property to change the border of an element to Hex C17218 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
#C17218 }
```

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

```
.border{ border-color:#C17218 }
```

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

Here you see how a box with a 4 pixel #C17218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17218; -webkit-box-shadow:4px 4px  
4px 4px #C17218; box-shadow:4px 4px 4px  
4px #C17218 }
```

Background

The CSS property to change the background color of an element to Hex C17218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17218 }
```

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

```
.background{ background-color:#C17218 }
```

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