

Converting Colors

Hex(C04217)

Have a look what the booklet for
Hex(C04217) contains.

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Color

Hex(C04217)

Conversions

Conversions Part 1

Format	Color
Hex	C04217
RGB	192, 66, 23
RGB Percent	75%, 26%, 9%
CMY	0.2471, 0.7412, 0.9098
CMYK	0.00, 0.66, 0.88, 0.25
HSL	15°, 79%, 42%
HSV	15°, 88%, 75%
XYZ	23.8411, 15.1648, 2.4811
YIQ	98.7720, 88.8990, 13.3390

Conversions

Conversions Part 2

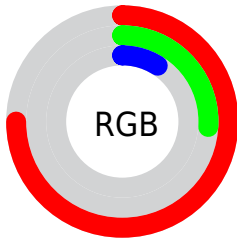
Format	Color
R_{YB}	192, 81, 23
Decimal	12599831
CIE _{Lab}	45.86, 48.70, 49.95
CIE _{LCh}	46, 69.761, 45.729
Yxy	15.1648, 0.5747, 0.3655
Android (android.graphics.Color)	4290789911 (0xFFC04217)
YUV	98.7720, -37.3556, 81.7610
Hunter-Lab	38.9420, 41.1331, 23.4818

Details

The Hex color **C04217** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1795C0**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7848**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C03404**, and if you desaturate by 10%, it is **C0502A**.

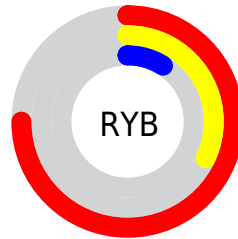
Distribution



Red (75%)

Green (26%)

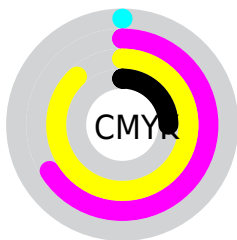
Blue (9%)



Red (75%)

Yellow (32%)

Blue (9%)

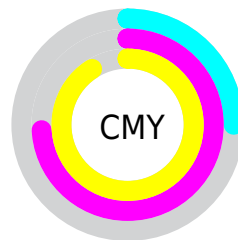


Cyan (0%)

Magenta (66%)

Yellow (88%)

Black (25%)



Cyan (25%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C04217 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 C04217 by changing the saturation by 10% instead.

 C04217

 C04217

FFFFFF

 A12600

 FF7848

 820000

 FF9361

 640000

 FFAF7B

 460000

 FFCB95

 2B0001

 FFE8B0

 000000

 FFFFCC

 FFFFE8

 C04217

 C04217

■ C03404

■ C0502A

■ C03100

■ C05F3D

■ C06D51

■ C07B64

■ C08A77

■ C0988A

■ C0A69D

■ C0B5B1

■ C0C3C4

Harmonies

Analogous

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



D12051



C04217



9B6000

Triad

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



C04217



00844E



0069DF

Complementary

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



C04217



1795C0

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.



007CDF



C04217



00868B

Square

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



C04217



0E7F05



0084C0



944CBF

Rectangle

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



C04217



7A6E00



0084C0



0071E2

Sweetspot

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



C04217



FAC9B9



C01796



7D6056



FCFCFC



7D7D7D

Same Dimension

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



C04217



FA4000



C09617



615A57



A12900



210800

Inverse Universe

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



1795C0



00BAFA



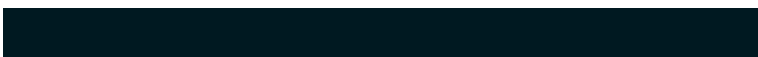
1741C0



575E61



0078A1



001921

Previews

White Background



This preview shows how the Hex color C04217 looks on a white background.

Color Contrast Check

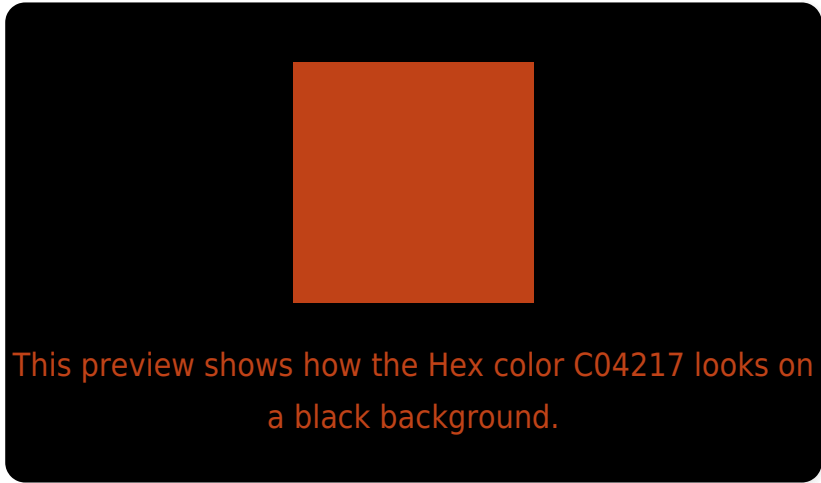
Large Text (above 18pt) WCAG AA ✓ Pass

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 C04217 Background



This preview shows how black text looks on a background with the Hex color C04217.



This preview shows how white text looks on a background with the Hex color C04217.

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
C04217

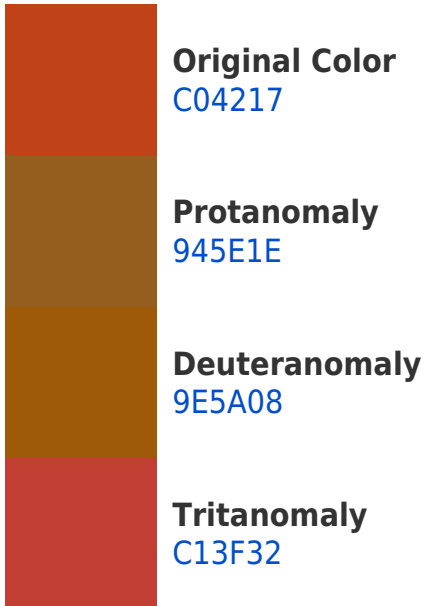
Protanopia
7B6E22

Deuteranopia
8A6800

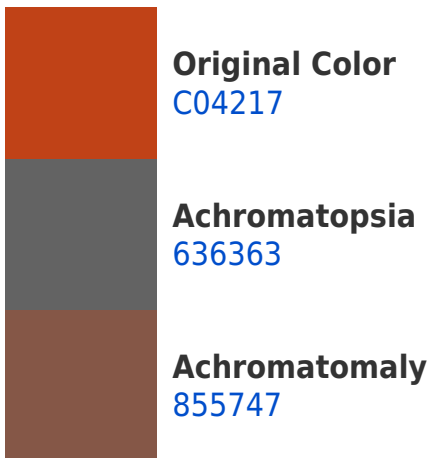


Tritanopia
C13E41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C04217 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 #C04217 looks like.

```
.text, #text, p{  
    color:#C04217  
}
```

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 #C04217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04217
}
```

Border

The CSS property to change the border of an element to Hex C04217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

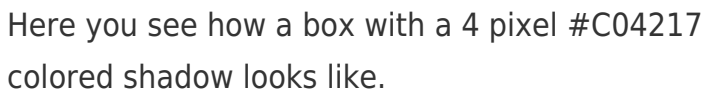
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C04217 }
```

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

```
.border{ border-color:#C04217 }
```

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



Here you see how a box with a 4 pixel #C04217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04217; -webkit-box-shadow:4px 4px  
4px 4px #C04217; box-shadow:4px 4px 4px  
4px #C04217 }
```

Background

The CSS property to change the background color of an element to Hex C04217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04217 }
```

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

```
.background{ background-color:#C04217 }
```

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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