

Converting Colors

Hex(CFA200)

Have a look what the booklet for
Hex(CFA200) contains.

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Color

Hex(CFA200)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFA200 |
| RGB | 207, 162, 0 |
| RGB Percent | 81%, 64%, 0% |
| CMY | 0.1882, 0.3647, 1.0000 |
| CMYK | 0.00, 0.22, 1.00, 0.19 |
| HSL | 47°, 100%, 41% |
| HSV | 47°, 100%, 81% |
| XYZ | 38.6525, 39.1061, 5.5110 |
| YIQ | 156.9870, 78.8220, -40.8420 |

Conversions

Conversions Part 2

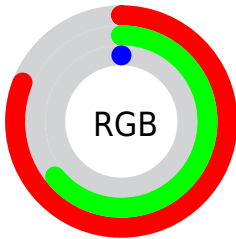
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 57, 207, 0 |
| Decimal | 13607424 |
| CIELab | 68.83, 4.80, 72.27 |
| CIELCh | 69, 72.433, 86.200 |
| Yxy | 39.1061, 0.4642, 0.4696 |
| Android (android.graphics.Color) | 4291797504 (0xFFCFA200) |
| YUV | 156.9870, -77.3946, 43.8614 |
| Hunter-Lab | 62.5348, 0.8940, 38.5493 |

Details

The Hex color **CFA200** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **002DCF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD84D**, and **936F00** is the 20% darker color. If you saturate the color by 10%, you get **CFA200**, and if you desaturate by 10%, it is **CFA615**.

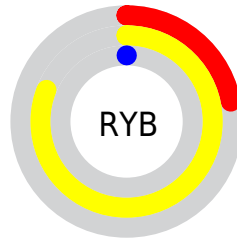
Distribution



Red (81%)

Green (64%)

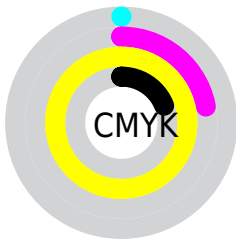
Blue (0%)



Red (22%)

Yellow (81%)

Blue (0%)

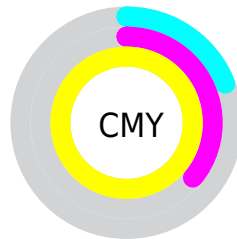


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFA200 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 CFA200 by changing the saturation by 10% instead.

 CFA200

 CFA200

FFFFFF

 B18800

 FFD84D

 936F00

 FFF569

 775700

 FFFF85

 5A4000

 FFFFFA1

 3F2A00

 FFFFBE

 261600

 FFFFDB

 000000

 FFFFF8

 CFA200

 CFA615

 CFAB29

 CFB03E

 CFB453

 CFB968

 CFBD7C

 CFC291

 CFC6A6

 CFCBBA

Harmonies

Analogous

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



FF8839



CFA200



90B51E

Triad

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



CFA200



00C6E0



EF7CF2

Complementary

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



CFA200



002DCF

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.



979AFF



CFA200



00C0FF

Square

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



CFA200



00C69D



00B2FF



FF67B3

Rectangle

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



CFA200



58BD46



00B2FF



D886FF

Sweetspot

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



CFA200



FFEEB3



CF0030



807652



000000



808080

Same Dimension

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



CFA200



FFC800



98CF00



69665E



A88400



292000

Inverse Universe

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



002DCF



0037FF



3700CF



5E6069



0025A8



000929

Previews

White Background



This preview shows how the Hex color CFA200 looks on a white background.

Color Contrast Check

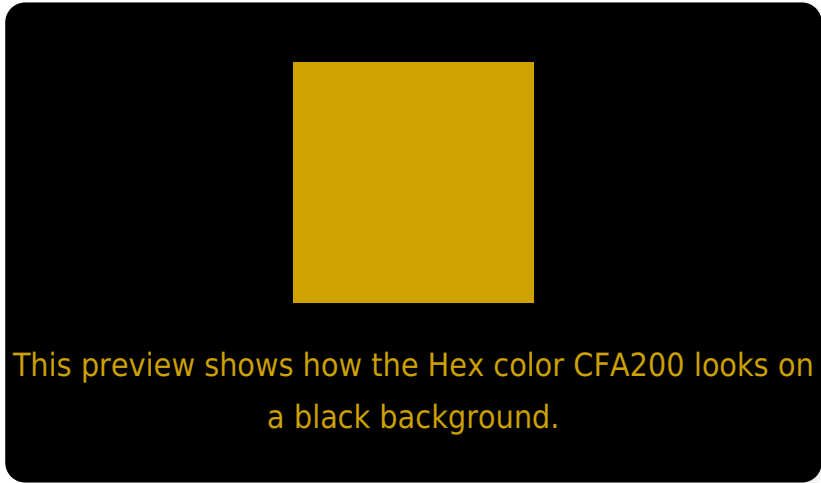
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex CFA200 Background



This preview shows how black text looks on a background with the Hex color CFA200.



This preview shows how white text looks on a background with the Hex color CFA200.

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
CFA200

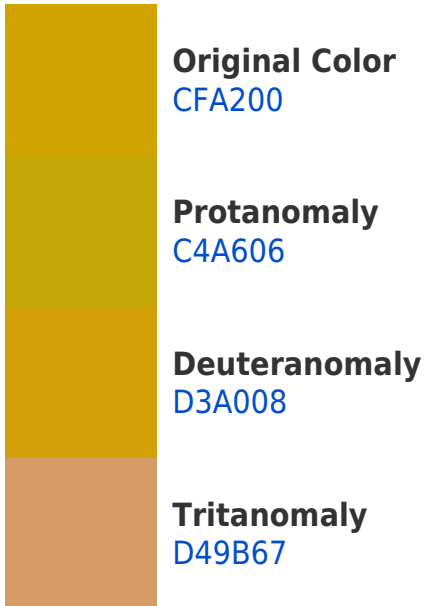
Protanopia
BEA90A

Deuteranopia
D59F0C

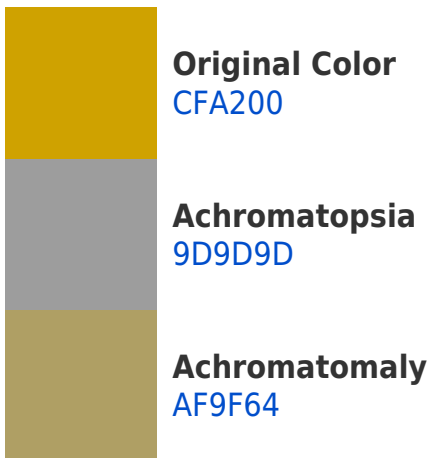


Tritanopia
D797A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFA200 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 #CFA200 looks like.

```
.text, #text, p{  
    color:#CFA200  
}
```

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 #CFA200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA200
}
```

Border

The CSS property to change the border of an element to Hex CFA200 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
#CFA200 }
```

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

```
.border{ border-color:#CFA200 }
```

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

Here you see how a box with a 4 pixel #CFA200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA200; -webkit-box-shadow:4px 4px  
4px 4px #CFA200; box-shadow:4px 4px 4px  
4px #CFA200 }
```

Background

The CSS property to change the background color of an element to Hex CFA200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA200 }
```

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

```
.background{ background-color:#CFA200 }
```

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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