

# Converting Colors

Hex(CF5100)

Have a look what the booklet for  
Hex(CF5100) contains.

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**Color**

**Hex(CF5100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF5100
RGB	207, 81, 0
RGB Percent	81%, 32%, 0%
CMY	0.1882, 0.6824, 1.0000
CMYK	0.00, 0.61, 1.00, 0.19
HSL	23°, 100%, 41%
HSV	23°, 100%, 81%
XYZ	28.6746, 19.1503, 2.1851
YIQ	109.4400, 101.0970, 1.5210

# Conversions

## Conversions Part 2

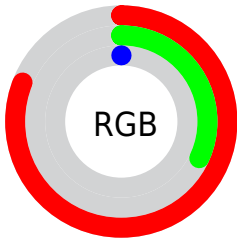
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 133, 0
Decimal	13586688
CIE <sub>Lab</sub>	50.86, 47.14, 60.93
CIE <sub>LCh</sub>	51, 77.039, 52.271
Yxy	19.1503, 0.5734, 0.3829
Android (android.graphics.Color)	4291776768 (0xFFCF5100)
YUV	109.4400, -53.9539, 85.5601
Hunter-Lab	43.7610, 40.3810, 27.6723

# Details

The Hex color **CF5100** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **007ECF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF863D**, and **901900** is the 20% darker color. If you saturate the color by 10%, you get **CF5100**, and if you desaturate by 10%, it is **CF5E15**.

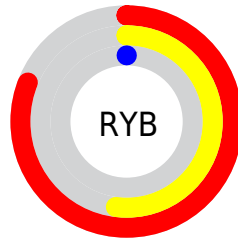
# Distribution



Red (81%)

Green (32%)

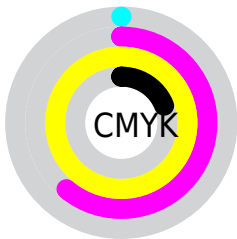
Blue (0%)



Red (81%)

Yellow (52%)

Blue (0%)

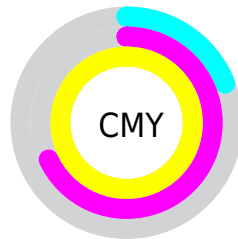


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF5100 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 CF5100 by changing the saturation by 10% instead.



 CF5100

 CF5100

FFFFFFD

 AF3600

 FF863D

 901900

 FFA257

 710000

 FFBE71

 530000

 FFDA8C

 390002

 FFF7A7

 120000

 FFFFC3

 000000

 FFFFEO

 CF5100

 CF5E15

 CF6A29

 CF773E

 CF8353

 CF9068

 CF9D7C

 CFA991

 CFB6A6

 CFC2BA

# Harmonies

## Analogous

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



E8274C



CF5100



A17000

# Triad

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



CF5100



009465



416FF4

# Complementary

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



CF5100



007ECF

# 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.



0087FD



CF5100



0095A9

# Square

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



CF5100



008F1C



0092E1



B54BCB

# Rectangle

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



CF5100



7A7F00



0092E1



0079FB



# Sweetspot

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



CF5100



FFD0B3



CF0080



806452



000000



808080



# Same Dimension

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



CF5100



FF6400



CFB700



69625E



A84200



291000

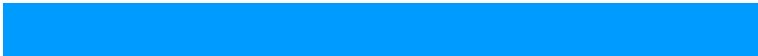


# Inverse Universe

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



007ECF



009BFF



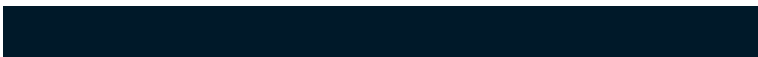
0018CF



5E6469



0066A8



001929



# Previews

## White Background



This preview shows how the Hex color CF5100 looks on a white background.

## Color Contrast Check

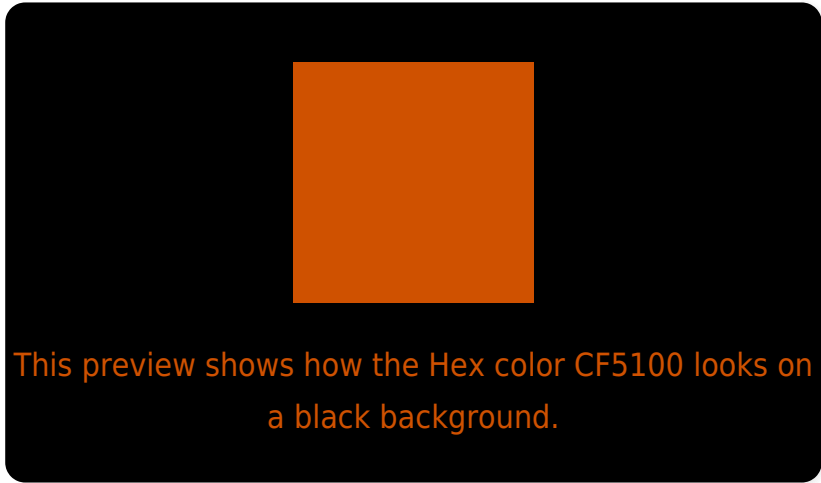
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF5100 Background



This preview shows how black text looks on a background with the Hex color CF5100.



This preview shows how white text looks on a background with the Hex color CF5100.

# 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**  
CF5100

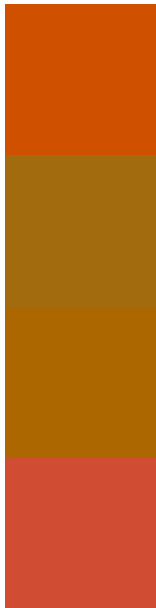
**Protanopia**  
897A15

**Deuteranopia**  
9A7400



**Tritanopia**  
D14B50

# Trichromacy



**Original Color**  
CF5100

**Protanomaly**  
A26B0D

**Deuteranomaly**  
AD6700

**Tritanomaly**  
D04D33

# Monochromacy



**Original Color**  
CF5100

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
916345

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF5100 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 #CF5100 looks like.

```
.text, #text, p{  
    color:#CF5100  
}
```

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 #CF5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF5100
}
```

## Border

The CSS property to change the border of an element to Hex CF5100 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
#CF5100 }
```

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

```
.border{ border-color:#CF5100 }
```

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

Here you see how a box with a 4 pixel #CF5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF5100; -webkit-box-shadow:4px 4px  
4px 4px #CF5100; box-shadow:4px 4px 4px  
4px #CF5100 }
```

# Background

The CSS property to change the background color of an element to Hex CF5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF5100 }
```

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

```
.background{ background-color:#CF5100 }
```

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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