

Converting Colors

Hex(CF7F13)

Have a look what the booklet for
Hex(CF7F13) contains.

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Color

Hex(CF7F13)

Conversions

Conversions Part 1

Format	Color
Hex	CF7F13
RGB	207, 127, 19
RGB Percent	81%, 50%, 7%
CMY	0.1882, 0.5020, 0.9255
CMYK	0.00, 0.39, 0.91, 0.19
HSL	34°, 83%, 44%
HSV	34°, 91%, 81%
XYZ	33.4390, 28.4912, 4.3530
YIQ	138.6080, 82.3480, -16.6280

Conversions

Conversions Part 2

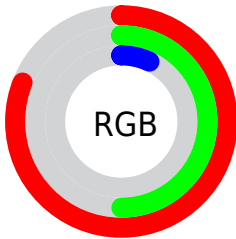
Format	Color
R_{YB}	158, 207, 19
Decimal	13598483
CIE Lab	60.33, 23.97, 63.22
CIE LCh	60, 67.606, 69.238
Yxy	28.4912, 0.5045, 0.4298
Android (android.graphics.Color)	4291788563 (0xFFCF7F13)
YUV	138.6080, -58.9667, 59.9798
Hunter-Lab	53.3771, 18.4146, 32.5288

Details

The Hex color **CF7F13** 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 **1363CF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB44E**, and **924D00** is the 20% darker color. If you saturate the color by 10%, you get **CF7700**, and if you desaturate by 10%, it is **CF8828**.

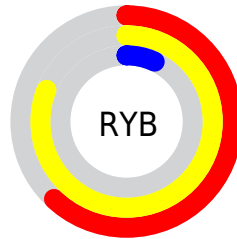
Distribution



Red (81%)

Green (50%)

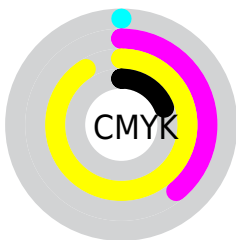
Blue (7%)



Red (62%)

Yellow (81%)

Blue (7%)

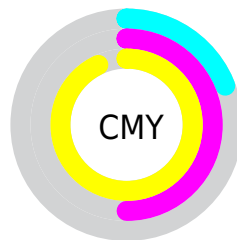


Cyan (0%)

Magenta (39%)

Yellow (91%)

Black (19%)



Cyan (19%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF7F13 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 CF7F13 by changing the saturation by 10% instead.

 CF7F13

 CF7F13

FFFFFF

 B06600

 FFB44E

 924D00

 FFD068

 753600

 FFEC83

 582000

 FFFF9F

 3D0900

 FFFFBB

 260001

 FFFFD7

 000000

 FFFFF4

 CF7F13

 CF7F13

■ CF7700

■ CF8828

■ CF913C

■ CF9951

■ CFA266

■ CFAB7A

■ CFB48F

■ CFBDA4

■ CFC5B9

■ CFCECD

Harmonies

Analogous

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



F16549



CF7F13



9D9500

Triad

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



CF7F13



00ADA3



AB79EF

Complementary

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



CF7F13



1363CF

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.



0092FF



CF7F13



00ABDC

Square

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



CF7F13



00AA65



00A3FF



E65EBD

Rectangle

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



CF7F13



749F16



00A3FF



8C82FA

Sweetspot

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



CF7F13



FFE2BA



CF1364



806E57



000000



808080

Same Dimension

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



CF7F13



FF9200



C2CF13



69645E



A86100



291700

Inverse Universe

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



1363CF



006DFF



2013CF



5E6369



0048A8



001129

Previews

White Background



This preview shows how the Hex color CF7F13 looks on a white background.

Color Contrast Check

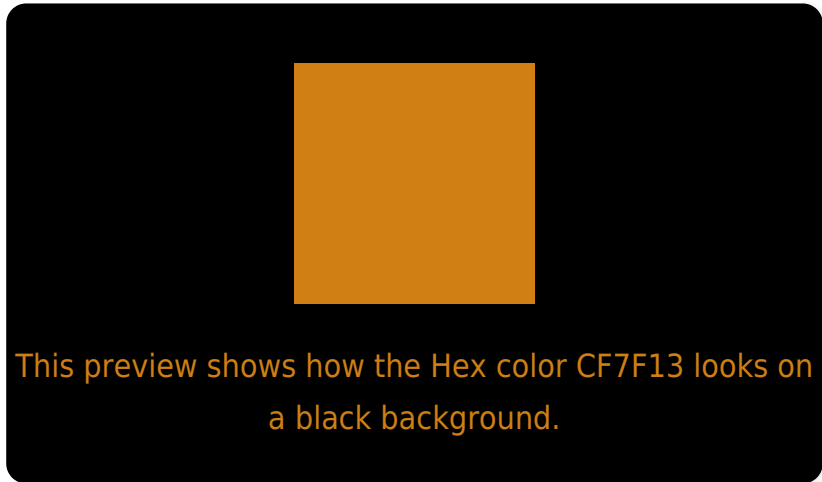
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF7F13 Background



This preview shows how black text looks on a background with the Hex color CF7F13.



This preview shows how white text looks on a background with the Hex color CF7F13.

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
CF7F13

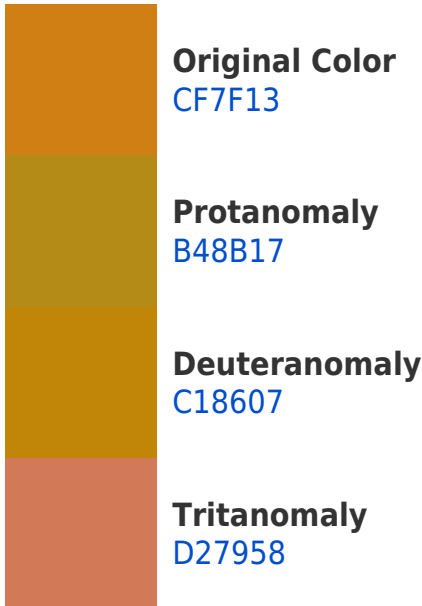
Protanopia
A49219

Deuteranopia
B98A00

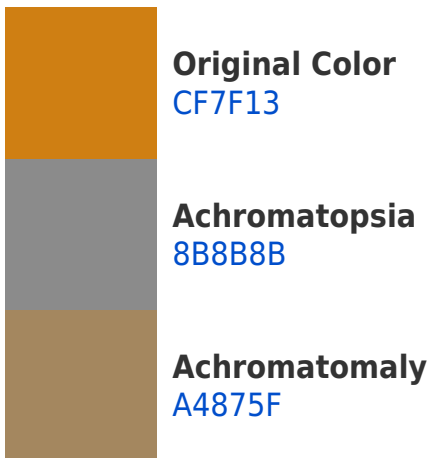


Tritanopia
D4767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF7F13 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 #CF7F13 looks like.

```
.text, #text, p{  
    color:#CF7F13  
}
```

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 #CF7F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7F13
}
```

Border

The CSS property to change the border of an element to Hex CF7F13 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
#CF7F13 }
```

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

```
.border{ border-color:#CF7F13 }
```

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

Here you see how a box with a 4 pixel #CF7F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7F13; -webkit-box-shadow:4px 4px  
4px 4px #CF7F13; box-shadow:4px 4px 4px  
4px #CF7F13 }
```

Background

The CSS property to change the background color of an element to Hex CF7F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7F13 }
```

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

```
.background{ background-color:#CF7F13 }
```

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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