

Converting Colors

Hex(CF4A12)

Have a look what the booklet for
Hex(CF4A12) contains.

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Color

Hex(CF4A12)

Conversions

Conversions Part 1

Format	Color
Hex	CF4A12
RGB	207, 74, 18
RGB Percent	81%, 29%, 7%
CMY	0.1882, 0.7098, 0.9294
CMYK	0.00, 0.64, 0.91, 0.19
HSL	18°, 84%, 44%
HSV	18°, 91%, 81%
XYZ	28.2901, 18.2066, 2.5954
YIQ	107.3830, 97.2440, 10.7800

Conversions

Conversions Part 2

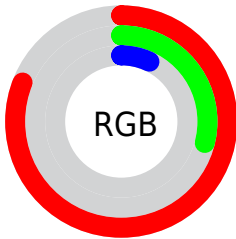
Format	Color
R_{YB}	207, 98, 18
Decimal	13584914
CIE Lab	49.75, 50.45, 55.80
CIE LCh	50, 75.223, 47.880
Yxy	18.2066, 0.5763, 0.3709
Android (android.graphics.Color)	4291774994 (0xFFCF4A12)
YUV	107.3830, -44.0658, 87.3641
Hunter-Lab	42.6692, 43.6760, 26.2620

Details

The Hex color **CF4A12** 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 **1297CF**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF8046**, and **900A00** is the 20% darker color. If you saturate the color by 10%, you get **CF3D00**, and if you desaturate by 10%, it is **CF5927**.

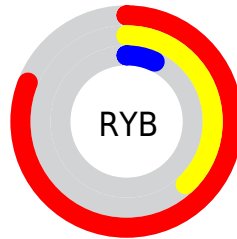
Distribution



Red (81%)

Green (29%)

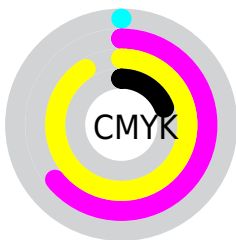
Blue (7%)



Red (81%)

Yellow (38%)

Blue (7%)

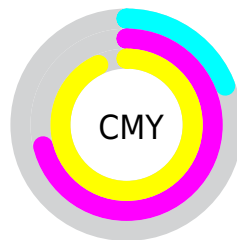


Cyan (0%)

Magenta (64%)

Yellow (91%)

Black (19%)



Cyan (19%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF4A12 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 CF4A12 by changing the saturation by 10% instead.

 CF4A12

 CF4A12

FFFFFF

 AF2E00

 FF8046

 900A00

 FF9C5F

 710000

 FFB879

 530000

 FFD494

 390002

 FFF1AF

 0F0000

 FFFFCB

 000000

 FFFF7E

 CF4A12

 CF4A12

■ CF3D00

■ CF5927

■ CF673B

■ CF7650

■ CF8465

■ CF937A

■ CFA18E

■ CFB0A3

■ CFBFB8

■ CFCDCC

Harmonies

Analogous

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



E42254



CF4A12



A56A00

Triad

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



CF4A12



009059



0171F2

Complementary

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



CF4A12



1297CF

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.



0086F5



CF4A12



00929C

Square

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



CF4A12



008A0C



008FD5



A64FCD

Rectangle

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



CF4A12



817900



008FD5



0079F7

Sweetspot

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



CF4A12



FFCFBA



CF1299



806357



000000



808080

Same Dimension

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



CF4A12



FF4C00



CFA612



69615E



A83200



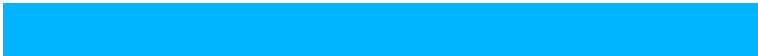
290C00

Inverse Universe

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



1297CF



00B3FF



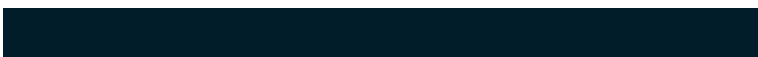
123BCF



5E6569



0076A8



001D29

Previews

White Background



This preview shows how the Hex color CF4A12 looks on a white background.

Color Contrast Check

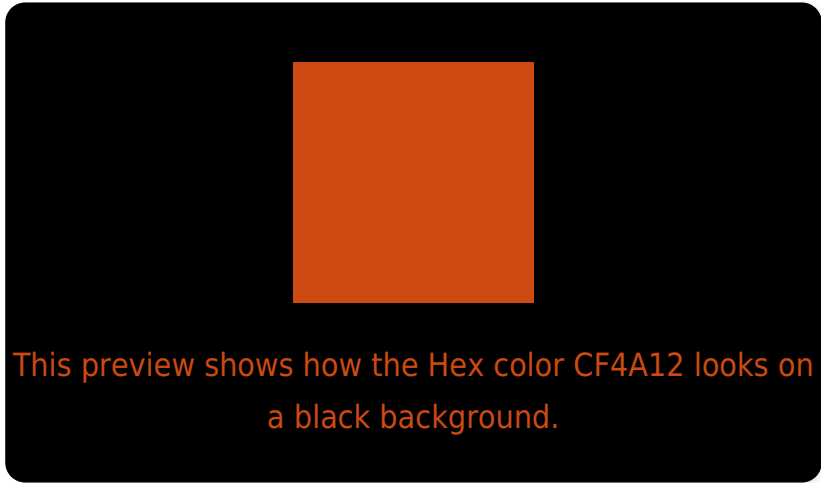
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 CF4A12 Background



This preview shows how black text looks on a background with the Hex color CF4A12.



This preview shows how white text looks on a background with the Hex color CF4A12.

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
CF4A12

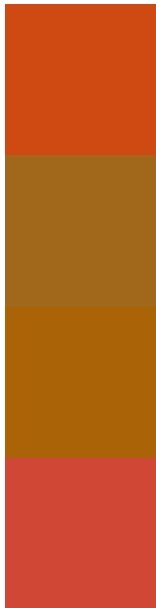
Protanopia
86771E

Deuteranopia
967100



Tritanopia
D04549

Trichromacy



Original Color
CF4A12

Protanomaly
A1671A

Deuteranomaly
AB6307

Tritanomaly
D04735

Monochromacy



Original Color
CF4A12

Achromatopsia
6B6B6B

Achromatomaly
8F5F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex CF4A12 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 #CF4A12 looks like.

```
.text, #text, p{  
    color:#CF4A12  
}
```

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 #CF4A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF4A12
}
```

Border

The CSS property to change the border of an element to Hex CF4A12 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
#CF4A12 }
```

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

```
.border{ border-color:#CF4A12 }
```

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

Here you see how a box with a 4 pixel #CF4A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF4A12; -webkit-box-shadow:4px 4px  
4px 4px #CF4A12; box-shadow:4px 4px 4px  
4px #CF4A12 }
```

Background

The CSS property to change the background color of an element to Hex CF4A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF4A12 }
```

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

```
.background{ background-color:#CF4A12 }
```

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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