

Converting Colors

Hex(CF2502)

Have a look what the booklet for
Hex(CF2502) contains.

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Color

Hex(CF2502)

Conversions

Conversions Part 1

Format	Color
Hex	CF2502
RGB	207, 37, 2
RGB Percent	81%, 15%, 1%
CMY	0.1882, 0.8549, 0.9922
CMYK	0.00, 0.82, 0.99, 0.19
HSL	10°, 98%, 41%
HSV	10°, 99%, 81%
XYZ	26.4047, 14.5929, 1.4825
YIQ	83.8400, 112.5550, 25.1550

Conversions

Conversions Part 2

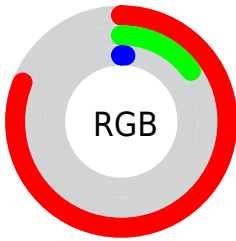
Format	Color
R_{YB}	207, 44, 2
Decimal	13575426
CIE Lab	45.07, 63.01, 57.54
CIE LCh	45, 85.329, 42.401
Yxy	14.5929, 0.6216, 0.3435
Android (android.graphics.Color)	4291765506 (0xFFCF2502)
YUV	83.8400, -40.3471, 108.0113
Hunter-Lab	38.2007, 56.5296, 24.4396

Details

The Hex color **CF2502** 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 **02ACCF**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6438**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **CF2300**, and if you desaturate by 10%, it is **CF3617**.

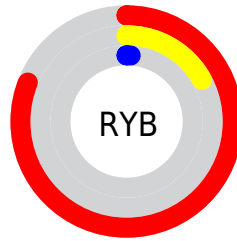
Distribution



Red (81%)

Green (15%)

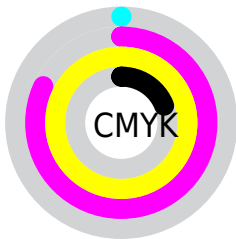
Blue (1%)



Red (81%)

Yellow (17%)

Blue (1%)

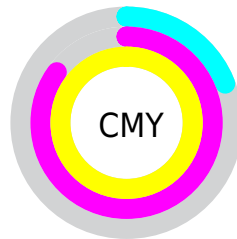


Cyan (0%)

Magenta (82%)

Yellow (99%)

Black (19%)



Cyan (19%)

Magenta (85%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF2502 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 CF2502 by changing the saturation by 10% instead.

 CF2502

 CF2502

 FFFFF4

 AF0000

 FF6438

 8F0000

 FF8051

 6F0000

 FF9D6B

 500001

 FFBA85

 330002

 FFD7A0

 000000

 FFF4BB

 FFFFD7

 CF2502

 CF2502

■ CF2300

■ CF3617

■ CF472B

■ CF5840

■ CF6A55

■ CF7B6A

■ CF8C7E

■ CF9D93

■ CFAEA8

■ CFBFBC

Harmonies

Analogous

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



E20051



CF2502



A45700

Triad

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



CF2502



00843C



006BF9

Complementary

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



CF2502



02ACCF

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.



007FF5



CF2502



008788

Square

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



CF2502



007E00



0086CB



8D44D6

Rectangle

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



CF2502



7E6A00



0086CB



0073FC

Sweetspot

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



CF2502



FFC0B3



CF02AD



805952



000000



808080

Same Dimension

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



CF2502



FF2C00



CF8B02



69605E



A81D00



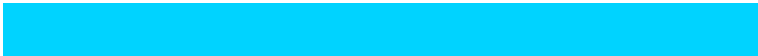
290700

Inverse Universe

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



02ACCF



00D3FF



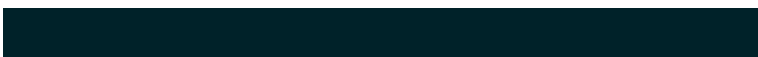
0246CF



5E6769



008CA8



002229

Previews

White Background



This preview shows how the Hex color CF2502 looks on a white background.

Color Contrast Check

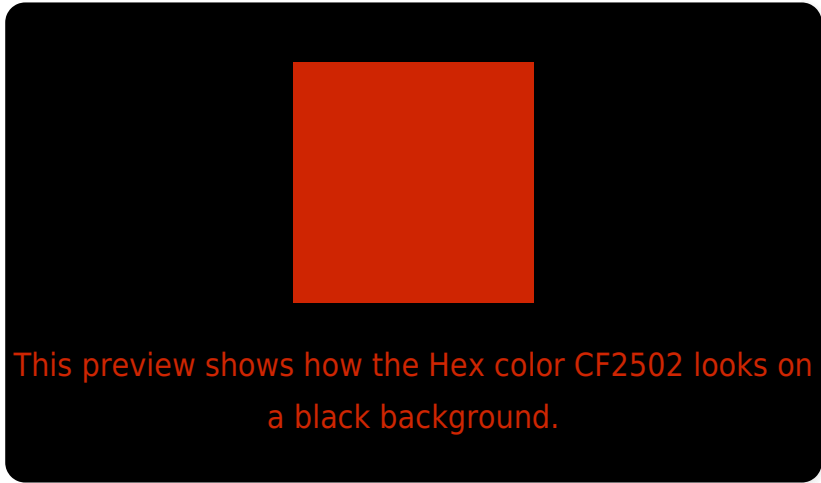
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF2502 Background



This preview shows how black text looks on a background with the Hex color CF2502.



This preview shows how white text looks on a background with the Hex color CF2502.

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

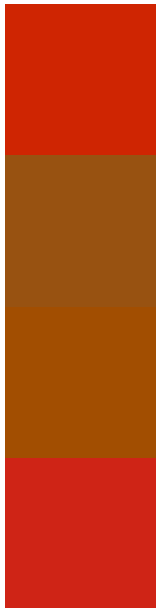


Original Color
CF2502

Protanopia
796C19

Deuteranopia
886600

Trichromacy



Original Color
CF2502

Protanomaly
985211

Deuteranomaly
A24E01

Tritanomaly
CF2416

Monochromacy



Original Color
CF2502

Achromatopsia
545454

Achromatomaly
814336

CSS Examples

Text

The CSS property to change the color of the text to Hex CF2502 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 #CF2502 looks like.

```
.text, #text, p{  
    color:#CF2502  
}
```

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 #CF2502 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2502
}
```

Border

The CSS property to change the border of an element to Hex CF2502 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".

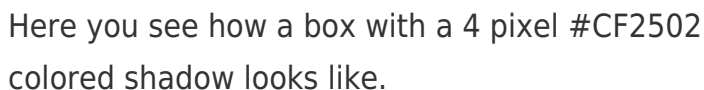
```
.border, #border, table{ border:4px solid
#CF2502 }
```

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

```
.border{ border-color:#CF2502 }
```

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

Here you see how a box with a 4 pixel #CF2502 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2502; -webkit-box-shadow:4px 4px  
4px 4px #CF2502; box-shadow:4px 4px 4px  
4px #CF2502 }
```

Background

The CSS property to change the background color of an element to Hex CF2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2502 }
```

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

```
.background{ background-color:#CF2502 }
```

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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