

Converting Colors

Hex(C03F0C)

Have a look what the booklet for
Hex(C03F0C) contains.

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Color

Hex(C03F0C)

Conversions

Conversions Part 1

Format	Color
Hex	C03F0C
RGB	192, 63, 12
RGB Percent	75%, 25%, 5%
CMY	0.2471, 0.7529, 0.9529
CMYK	0.00, 0.67, 0.94, 0.25
HSL	17°, 88%, 40%
HSV	17°, 94%, 75%
XYZ	23.5821, 14.7880, 1.9593
YIQ	95.7570, 93.2550, 11.4870

Conversions

Conversions Part 2

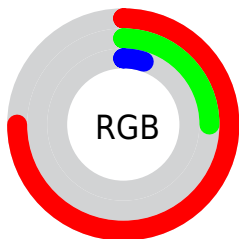
Format	Color
R_{YB}	192, 83, 12
Decimal	12599052
CIE _{Lab}	45.34, 49.78, 53.35
CIE _{LCh}	45, 72.968, 46.986
Yxy	14.7880, 0.5847, 0.3667
Android (android.graphics.Color)	4290789132 (0xFFC03F0C)
YUV	95.7570, -41.2922, 84.4051
Hunter-Lab	38.4552, 42.1659, 23.8978

Details

The Hex color **C03F0C** 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 **0C8DC0**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF7540**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C03600**, and if you desaturate by 10%, it is **C04D1F**.

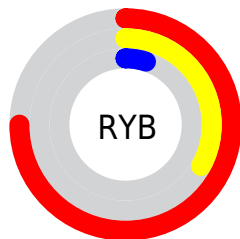
Distribution



Red (75%)

Green (25%)

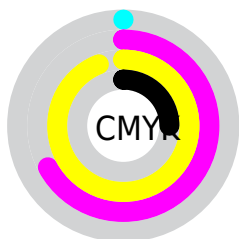
Blue (5%)



Red (75%)

Yellow (33%)

Blue (5%)

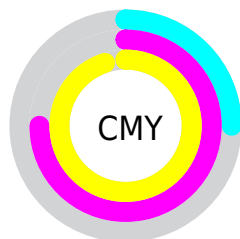


Cyan (0%)

Magenta (67%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C03F0C 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 C03F0C by changing the saturation by 10% instead.

 C03F0C

 C03F0C

FFFFFFD

 A12200

 FF7540

 820000

 FF9059

 630000

 FFAC73

 460000

 FFC88D

 2A0001

 FFE5A8

 000000

 FFFFC4

 FFFFEO

 C03F0C

 C03F0C

 C03600

 C04D1F

 C05B32

 C06846

 C07659

 C0846C

 C0927F

 C09F92

 C0ADA6

 C0BBB9

Harmonies

Analogous

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



D3114C



C03F0C



985F00

Triad

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



C03F0C



00834E



0067E2

Complementary

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



C03F0C



0C8DC0

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.



007AE4



C03F0C



00858D

Square

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



C03F0C



007E00



0083C4



9747C0

Rectangle

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



C03F0C



766E00



0083C4



006FE6

Sweetspot

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



C03F0C



FAC8B4



C00C8D



7D5F52



FCFCFC



7D7D7D

Same Dimension

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



C03F0C



FA4700



C0990C



615A57



A12E00



210900

Inverse Universe

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



0C8DC0



00B3FA



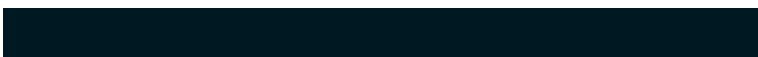
0C33C0



575E61



0073A1



001821

Previews

White Background



This preview shows how the Hex color C03F0C looks on a white background.

Color Contrast Check

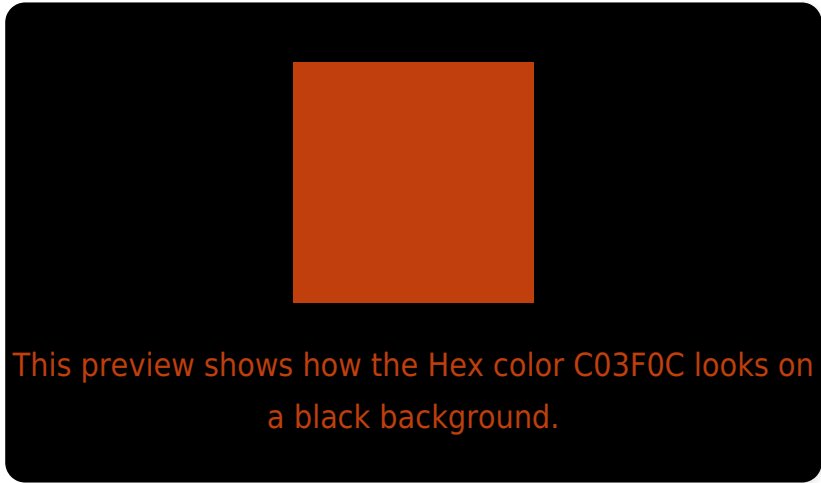
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03F0C Background



This preview shows how black text looks on a background with the Hex color C03F0C.



This preview shows how white text looks on a background with the Hex color C03F0C.

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
C03F0C

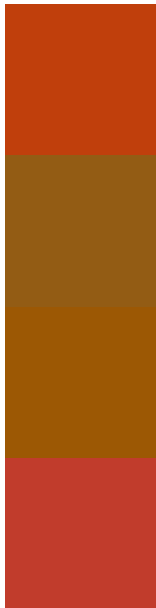
Protanopia
7A6C19

Deuteranopia
886700



Tritanopia
C13B3E

Trichromacy



Original Color
C03F0C

Protanomaly
935C14

Deuteranomaly
9C5804

Tritanomaly
C13C2C

Monochromacy



Original Color
C03F0C

Achromatopsia
606060

Achromatomaly
835441

CSS Examples

Text

The CSS property to change the color of the text to Hex C03F0C 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 #C03F0C looks like.

```
.text, #text, p{  
    color:#C03F0C  
}
```

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 #C03F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03F0C
}
```

Border

The CSS property to change the border of an element to Hex C03F0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

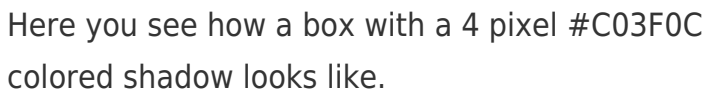
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C03F0C }
```

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

```
.border{ border-color:#C03F0C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#C03F0C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03F0C; -webkit-box-shadow:4px 4px  
4px 4px #C03F0C; box-shadow:4px 4px 4px  
4px #C03F0C }
```

Background

The CSS property to change the background color of an element to Hex C03F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03F0C }
```

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

```
.background{ background-color:#C03F0C }
```

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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