

Converting Colors

Hex(C90F03)

Have a look what the booklet for
Hex(C90F03) contains.

Hex(C90F03)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C90F03)

Conversions

Conversions Part 1

Format	Color
Hex	C90F03
RGB	201, 15, 3
RGB Percent	79%, 6%, 1%
CMY	0.2118, 0.9412, 0.9882
CMYK	0.00, 0.93, 0.99, 0.21
HSL	4°, 97%, 40%
HSV	4°, 99%, 79%
XYZ	24.2747, 12.7657, 1.2708
YIQ	69.2460, 114.7080, 35.7000

Conversions

Conversions Part 2

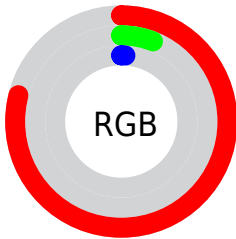
Format	Color
R_{YB}	201, 16, 3
Decimal	13176579
CIE _{Lab}	42.41, 65.47, 55.34
CIE _{LCh}	42, 85.725, 40.205
Yxy	12.7657, 0.6336, 0.3332
Android (android.graphics.Color)	4291366659 (0xFFC90F03)
YUV	69.2460, -32.6593, 115.5483
Hunter-Lab	35.7292, 58.7482, 22.9017

Details

The Hex color **C90F03** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **03BDC9**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5837**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C90C00**, and if you desaturate by 10%, it is **C92217**.

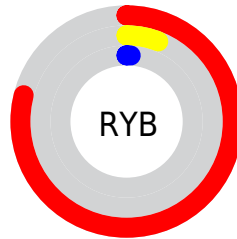
Distribution



Red (79%)

Green (6%)

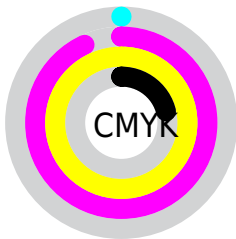
Blue (1%)



Red (79%)

Yellow (6%)

Blue (1%)

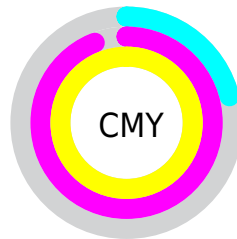


Cyan (0%)

Magenta (93%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (94%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C90F03 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 C90F03 by changing the saturation by 10% instead.

 C90F03

 C90F03

 FFFFF1

 A90000

 FF5837

 880000

 FF764F

 690000

 FF9269

 4B0002

 FFAF83

 2D0001

 FFCC9D

 000000

 FFEAB9

 FFFF05

 C90F03

 C90F03

■ C90C00

■ C92217

■ C9352B

■ C9483F

■ C95B53

■ C96D68

■ C9807C

■ C99390

■ C9A6A4

■ C9B9B8

Harmonies

Analogous

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



D90050



C90F03



A04E00

Triad

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



C90F03



007D30



0067F3

Complementary

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



C90F03



03BDC9

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.



0079EC



C90F03



007F7C

Square

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



C90F03



007700



007FBF



7D40D2

Rectangle

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



C90F03



7A6200



007FBF



006FF5

Sweetspot

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



C90F03



FFB7B3



C903BF



805452



000000



808080

Same Dimension

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



C90F03



FF0F00



C97003



635A5A



A30A00



240200

Inverse Universe

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



03BDC9



00F0FF



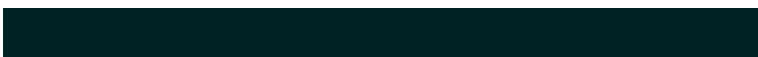
035CC9



5A6363



0099A3



002224

Previews

White Background



This preview shows how the Hex color C90F03 looks on a white background.

Color Contrast Check

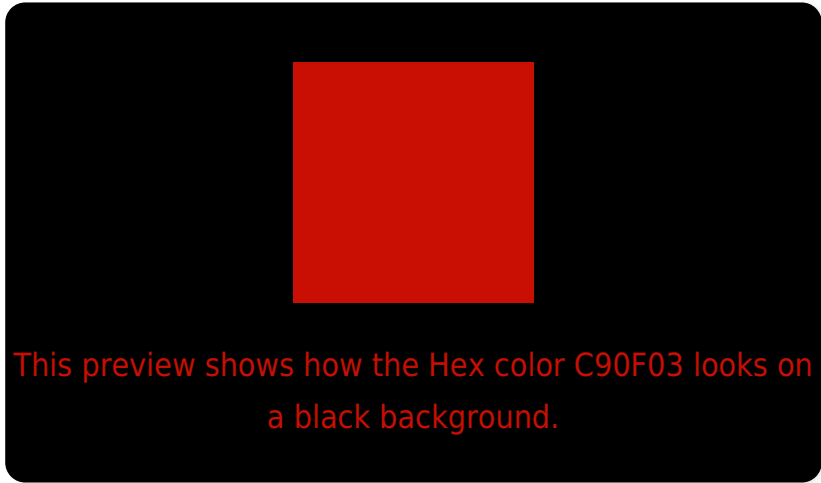
Large Text (above 18pt) WCAG AA ✓ Pass

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 C90F03 Background



This preview shows how black text looks on a background with the Hex color C90F03.



This preview shows how white text looks on a background with the Hex color C90F03.

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

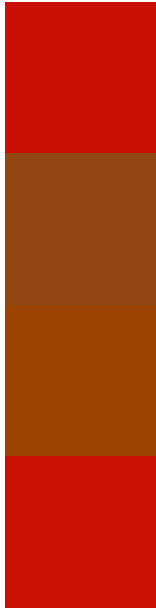


Original Color
C90F03

Protanopia
72661A

Deuteranopia
806100

Trichromacy



Original Color
C90F03

Protanomaly
924612

Deuteranomaly
9B4301

Tritanomaly
C91101

Monochromacy



Original Color
C90F03

Achromatopsia
454545

Achromatomaly
75312D

CSS Examples

Text

The CSS property to change the color of the text to Hex C90F03 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 #C90F03 looks like.

```
.text, #text, p{  
    color:#C90F03  
}
```

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 #C90F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90F03
}
```

Border

The CSS property to change the border of an element to Hex C90F03 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".

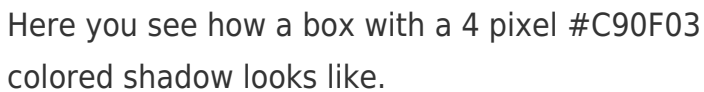
```
.border, #border, table{ border:4px solid
#C90F03 }
```

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

```
.border{ border-color:#C90F03 }
```

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

Here you see how a box with a 4 pixel #C90F03 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white with a red border and a red shadow that is offset to the right and bottom.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90F03; -webkit-box-shadow:4px 4px  
4px 4px #C90F03; box-shadow:4px 4px 4px  
4px #C90F03 }
```

Background

The CSS property to change the background color of an element to Hex C90F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90F03 }
```

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

```
.background{ background-color:#C90F03 }
```

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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