

Converting Colors

Hex(C90F04)

Have a look what the booklet for
Hex(C90F04) contains.

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Color

Hex(C90F04)

Conversions

Conversions Part 1

Format	Color
Hex	C90F04
RGB	201, 15, 4
RGB Percent	79%, 6%, 2%
CMY	0.2118, 0.9412, 0.9843
CMYK	0.00, 0.93, 0.98, 0.21
HSL	3°, 96%, 40%
HSV	3°, 98%, 79%
XYZ	24.2801, 12.7679, 1.2996
YIQ	69.3600, 114.3870, 36.0110

Conversions

Conversions Part 2

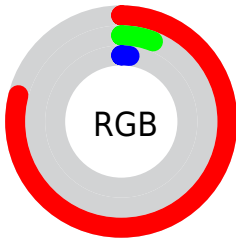
Format	Color
RYB	201, 16, 4
Decimal	13176580
CIELab	42.41, 65.48, 55.00
CIElCh	42, 85.516, 40.030
Yxy	12.7679, 0.6332, 0.3330
Android (android.graphics.Color)	4291366660 (0xFFC90F04)
YUV	69.3600, -32.2225, 115.4483
Hunter-Lab	35.7322, 58.7598, 22.8561

Details

The Hex color **C90F04** 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 **04BEC9**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5838**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C90B00**, and if you desaturate by 10%, it is **C92218**.

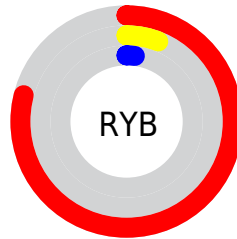
Distribution



Red (79%)

Green (6%)

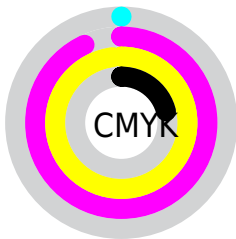
Blue (2%)



Red (79%)

Yellow (6%)

Blue (2%)

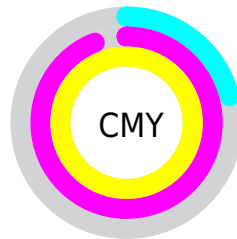


Cyan (0%)

Magenta (93%)

Yellow (98%)

Black (21%)



Cyan (21%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C90F04 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 C90F04 by changing the saturation by 10% instead.

 C90F04

 C90F04

 FFFFF2

 A90000

 FF5838

 880000

 FF7650

 690000

 FF9269

 4B0002

 FFAF83

 2D0001

 FFCC9E

 000000

 FFEAB9

 FFFF05

 C90F04

 C90F04

 C90B00

 C92218

 C9352C

 C94840

 C95B54

 C96E69

 C9817D

 C99491

 C9A7A5

 C9BAB9

Harmonies

Analogous

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



D90050



C90F04



A04E00

Triad

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



C90F04



007D2F



0067F2

Complementary

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



C90F04



04BEC9

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.



0079EB



C90F04



007F7B

Square

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



C90F04



007700



007FBF



7D41D2

Rectangle

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



C90F04



7B6200



007FBF



006FF5

Sweetspot

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



C90F04



FFB9B5



C904BF



805553



000000



808080

Same Dimension

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



C90F04



FF0E00



C97004



635A5A



A30900



240200

Inverse Universe

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



04BEC9



00F1FF



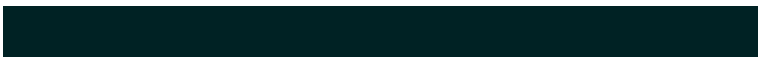
045DC9



5A6363



009AA3



002224

Previews

White Background



This preview shows how the Hex color C90F04 looks on a white background.

Color Contrast Check

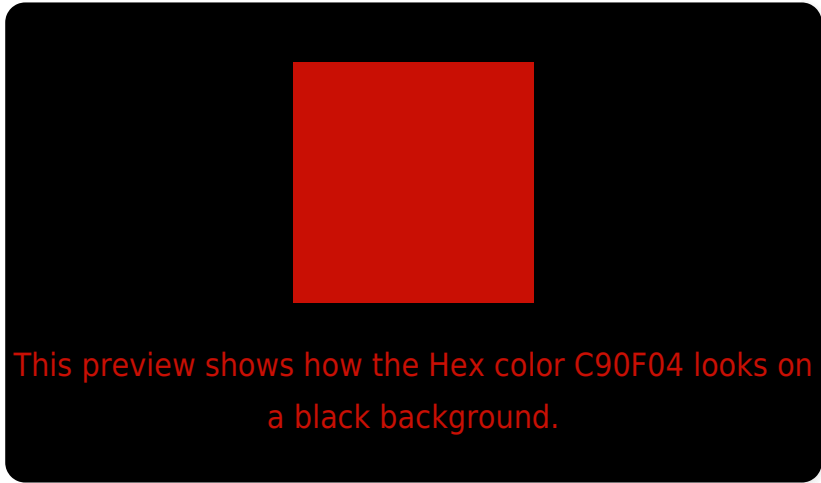
Large Text (above 18pt) WCAG AA ✓ Pass

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 C90F04 Background



This preview shows how black text looks on a background with the Hex color C90F04.



This preview shows how white text looks on a background with the Hex color C90F04.

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
C90F04

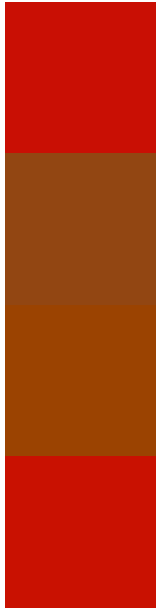
Protanopia
72661A

Deuteranopia
806100



Tritanopia
C91200

Trichromacy



Original Color
C90F04

Protanomaly
924612

Deuteranomaly
9B4301

Tritanomaly
C91101

Monochromacy



Original Color
C90F04

Achromatopsia
454545

Achromatomaly
75312D

CSS Examples

Text

The CSS property to change the color of the text to Hex C90F04 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 #C90F04 looks like.

```
.text, #text, p{  
    color:#C90F04  
}
```

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 #C90F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90F04
}
```

Border

The CSS property to change the border of an element to Hex C90F04 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".

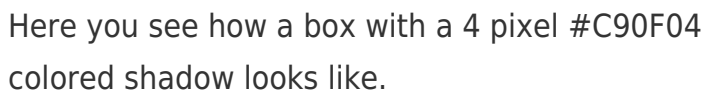
```
.border, #border, table{ border:4px solid
#C90F04 }
```

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

```
.border{ border-color:#C90F04 }
```

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

Here you see how a box with a 4 pixel #C90F04 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90F04; -webkit-box-shadow:4px 4px  
4px 4px #C90F04; box-shadow:4px 4px 4px  
4px #C90F04 }
```

Background

The CSS property to change the background color of an element to Hex C90F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90F04 }
```

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

```
.background{ background-color:#C90F04 }
```

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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