

Converting Colors

Hex(C90303)

Have a look what the booklet for
Hex(C90303) contains.

Hex(C90303)	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(C90303)

Conversions

Conversions Part 1

Format	Color
Hex	C90303
RGB	201, 3, 3
RGB Percent	79%, 1%, 1%
CMY	0.2118, 0.9882, 0.9882
CMYK	0.00, 0.99, 0.99, 0.21
HSL	0°, 97%, 40%
HSV	0°, 99%, 79%
XYZ	24.1364, 12.4892, 1.2247
YIQ	62.2020, 118.0080, 41.9760

Conversions

Conversions Part 2

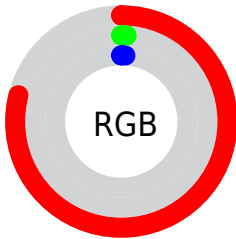
Format	Color
RYB	201, 3, 3
Decimal	13173507
CIELab	41.98, 66.70, 55.16
CIElCh	42, 86.553, 39.591
Yxy	12.4892, 0.6377, 0.3300
Android (android.graphics.Color)	4291363587 (0xFFC90303)
YUV	62.2020, -29.1866, 121.7258
Hunter-Lab	35.3401, 60.0659, 22.6834

Details

The Hex color **C90303** 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 **03C9C9**, and the grayscale version is **BE3E3E**.

A 20% lighter version of the original color is **FF5536**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C90000**, and if you desaturate by 10%, it is **C91717**.

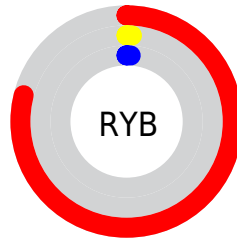
Distribution



Red (79%)

Green (1%)

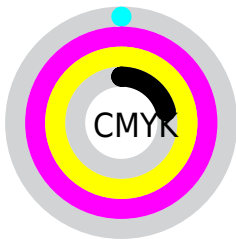
Blue (1%)



Red (79%)

Yellow (1%)

Blue (1%)

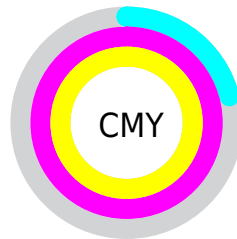


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C90303 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 C90303 by changing the saturation by 10% instead.

 C90303

 C90303

 FFFFF0

 A90000

 FF5536

 880000

 FF734F

 690000

 FF9068

 4B0003

 FFAD82

 2C0001

 FFCA9C

 000000

 FFE7B8

 FFFFD4

 C90303

 C90303

 C90000

 C91717

 C92B2B

 C93F3F

 C95353

 C96868

 C97C7C

 C99090

 C9A4A4

 C9B8B8

Harmonies

Analogous

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



D90050



C90303



A04C00

Triad

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



C90303



007C2C



0066F3

Complementary

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



C90303



03C9C9

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



C90303



007E79

Square

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



C90303



007600



007EBE



7A40D3

Rectangle

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



C90303



7A6100



007EBE



006EF5

Sweetspot

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



C90303



FFB3B3



C903C9



805252



000000



808080

Same Dimension

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



C90303



FF0000



C96603



635A5A



A30000



240000

Inverse Universe

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



03C9C9



00FFFF



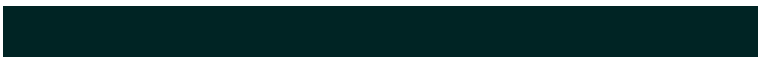
0366C9



5A6363



00A3A3



002424

Previews

White Background



This preview shows how the Hex color C90303 looks on a white background.

Color Contrast Check

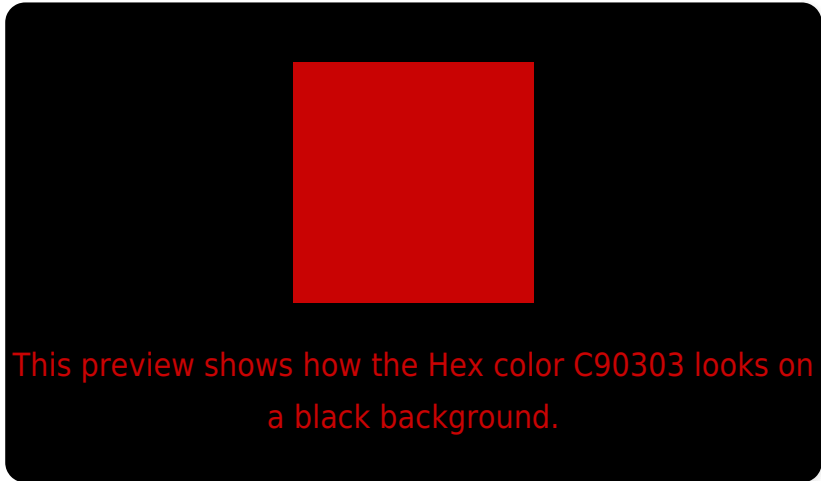
Large Text (above 18pt) WCAG AA ✓ Pass

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 C90303 Background



This preview shows how black text looks on a background with the Hex color C90303.



This preview shows how white text looks on a background with the Hex color C90303.

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
C90303

Protanopia
72661A

Deuteranopia
806000



Tritanopia
C71300

Trichromacy



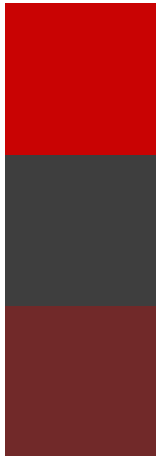
Original Color
C90303

Protanomaly
924212

Deuteranomaly
9B3E01

Tritanomaly
C80D01

Monochromacy



Original Color
C90303

Achromatopsia
3E3E3E

Achromatomaly
712929

CSS Examples

Text

The CSS property to change the color of the text to Hex C90303 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 #C90303 looks like.

```
.text, #text, p{  
    color:#C90303  
}
```

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 #C90303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90303
}
```

Border

The CSS property to change the border of an element to Hex C90303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

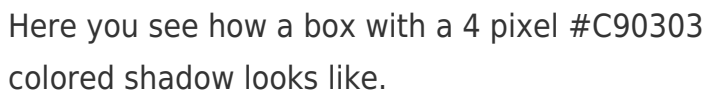
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C90303 }
```

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

```
.border{ border-color:#C90303 }
```

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



Here you see how a box with a 4 pixel `#C90303` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90303; -webkit-box-shadow:4px 4px  
4px 4px #C90303; box-shadow:4px 4px 4px  
4px #C90303 }
```

Background

The CSS property to change the background color of an element to Hex C90303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90303 }
```

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

```
.background{ background-color:#C90303 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor