

Converting Colors

Hex(C30909)

Have a look what the booklet for
Hex(C30909) contains.

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Color

Hex(C30909)

Conversions

Conversions Part 1

Format	Color
Hex	C30909
RGB	195, 9, 9
RGB Percent	76%, 4%, 4%
CMY	0.2353, 0.9647, 0.9647
CMYK	0.00, 0.95, 0.95, 0.24
HSL	0°, 91%, 40%
HSV	0°, 95%, 76%
XYZ	22.6527, 11.8172, 1.3455
YIQ	64.6140, 110.8560, 39.4320

Conversions

Conversions Part 2

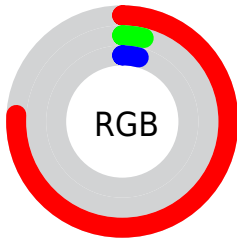
Format	Color
RYB	195, 9, 9
Decimal	12781833
CIELab	40.92, 64.64, 51.91
CIElCh	41, 82.901, 38.765
Yxy	11.8172, 0.6325, 0.3299
Android (android.graphics.Color)	4290971913 (0xFFC30909)
YUV	64.6140, -27.4177, 114.3485
Hunter-Lab	34.3762, 57.4669, 21.7427

Details

The Hex color **C30909** 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 **09C3C3**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF553A**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C30000**, and if you desaturate by 10%, it is **C31C1C**.

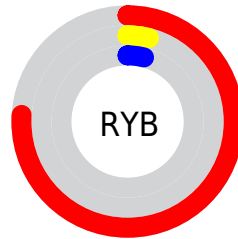
Distribution



Red (76%)

Green (4%)

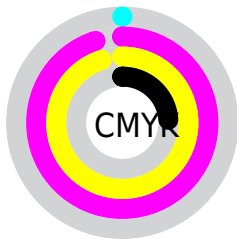
Blue (4%)



Red (76%)

Yellow (4%)

Blue (4%)

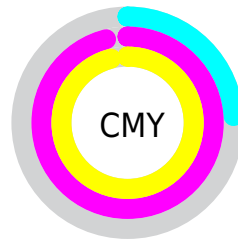


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C30909 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 C30909 by changing the saturation by 10% instead.

 C30909

 C30909

 FFFFF4

 A30000

 FF553A

 830000

 FF7352

 640000

 FF8F6C

 470003

 FFAC85

 270001

 FFC9A0

 000000

 FFE7BB

 FFFFD7

 C30909

 C30909

 C30000

 C31C1C

 C33030

 C34343

 C35757

 C36B6B

 C37E7E

 C39292

 C3A5A5

 C3B8B8

Harmonies

Analogous

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



D10050



C30909



9C4A00

Triad

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



C30909



00782A



0064EA

Complementary

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



C30909



09C3C3

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.



0075E1



C30909



007B74

Square

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



C30909



007200



007BB5



7341CD

Rectangle

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



C30909



795D00



007BB5



006CEC

Sweetspot

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



C30909



FCB3B3



C309C3



805353



000000



808080

Same Dimension

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



C30909



FC0000



C36609



615757



A10000



210000

Inverse Universe

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



09C3C3



00FCFC



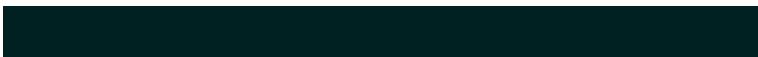
0966C3



576161



00A1A1



002121

Previews

White Background



This preview shows how the Hex color C30909 looks on a white background.

Color Contrast Check

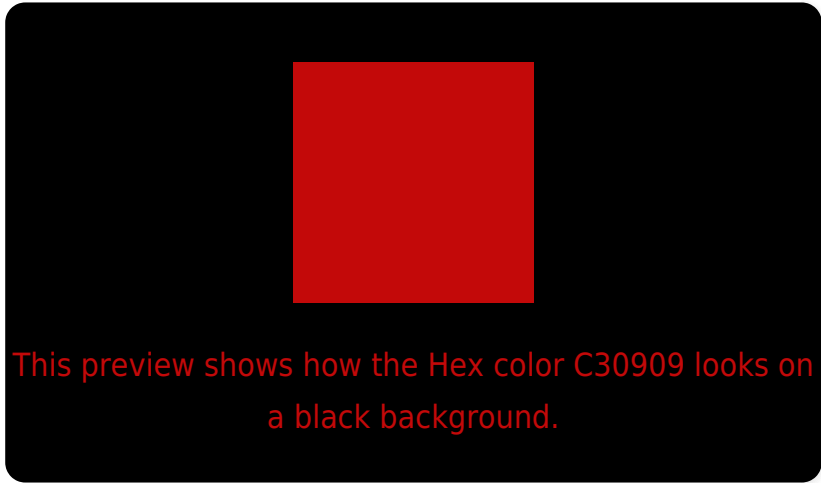
Large Text (above 18pt) WCAG AA ✓ Pass

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 C30909 Background



This preview shows how black text looks on a background with the Hex color C30909.



This preview shows how white text looks on a background with the Hex color C30909.

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
C30909

Protanopia
6F631C

Deuteranopia
7C5E00

Trichromacy



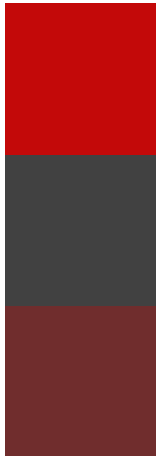
Original Color
C30909

Protanomaly
8E4215

Deuteranomaly
963F03

Tritanomaly
C20F03

Monochromacy



Original Color
C30909

Achromatopsia
414141

Achromatomaly
702D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex C30909 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 #C30909 looks like.

```
.text, #text, p{  
    color:#C30909  
}
```

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 #C30909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30909
}
```

Border

The CSS property to change the border of an element to Hex C30909 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".

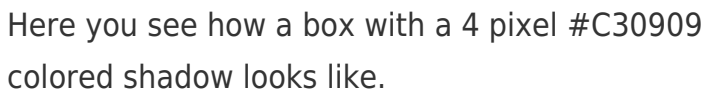
```
.border, #border, table{ border:4px solid
#C30909 }
```

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

```
.border{ border-color:#C30909 }
```

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

Here you see how a box with a 4 pixel #C30909 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30909; -webkit-box-shadow:4px 4px  
4px 4px #C30909; box-shadow:4px 4px 4px  
4px #C30909 }
```

Background

The CSS property to change the background color of an element to Hex C30909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30909 }
```

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

```
.background{ background-color:#C30909 }
```

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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