

Converting Colors

Hex(C91600)

Have a look what the booklet for
Hex(C91600) contains.

| | |
|--|----|
| Hex(C91600) | 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(C91600)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C91600 |
| RGB | 201, 22, 0 |
| RGB Percent | 79%, 9%, 0% |
| CMY | 0.2118, 0.9137, 1.0000 |
| CMYK | 0.00, 0.89, 1.00, 0.21 |
| HSL | 7°, 100%, 39% |
| HSV | 7°, 100%, 79% |
| XYZ | 24.3743, 12.9913, 1.2229 |
| YIQ | 73.0130, 113.7460, 31.1060 |

Conversions

Conversions Part 2

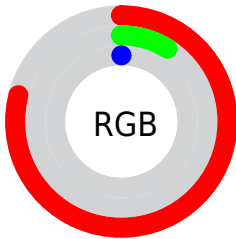
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 201, 25, 0 |
| Decimal | 13178368 |
| CIELab | 42.75, 64.43, 56.50 |
| CIElCh | 43, 85.697, 41.250 |
| Yxy | 12.9913, 0.6316, 0.3367 |
| Android (android.graphics.Color) | 4291368448 (0xFFC91600) |
| YUV | 73.0130, -35.9954, 112.2446 |
| Hunter-Lab | 36.0435, 57.6340, 23.2188 |

Details

The Hex color **C91600** 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 **00B3C9**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5B35**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C91600**, and if you desaturate by 10%, it is **C92814**.

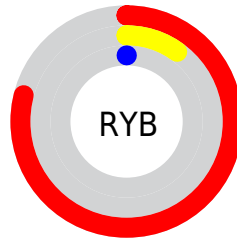
Distribution



Red (79%)

Green (9%)

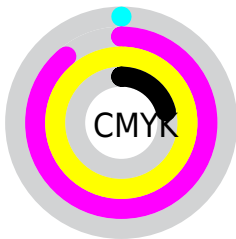
Blue (0%)



Red (79%)

Yellow (10%)

Blue (0%)

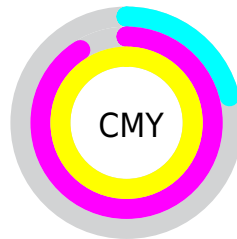


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C91600 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 C91600 by changing the saturation by 10% instead.

 C91600

 C91600

 FFFFF0

 A90000

 FF5B35

 890000

 FF784E

 690000

 FF9567

 4B0002

 FFB181

 2D0001

 FFCF9C

 000000

 FFE CB7

 FFFF D3

 C91600

 C92814

 C93A28

 C94C3C

 C95E50

 C97065

 C98179

 C9938D

 C9A5A1

 C9B7B5

Harmonies

Analogous

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



DA004E



C91600



9F5000

Triad

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



C91600



007E33



0067F3

Complementary

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



C91600



00B3C9

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.



007AEE



C91600



00807F

Square

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



C91600



007800



0080C2



823FD1

Rectangle

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



C91600



796400



0080C2



006FF6

Sweetspot

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



C91600



FFBBB3



C900B5



805752



000000



808080

Same Dimension

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



C91600



FF1C00



C97900



635B5A



A31200



240400

Inverse Universe

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



00B3C9



00E3FF



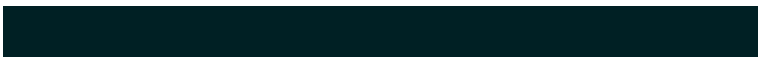
0050C9



5A6263



0091A3



002024

Previews

White Background



This preview shows how the Hex color C91600 looks on a white background.

Color Contrast Check

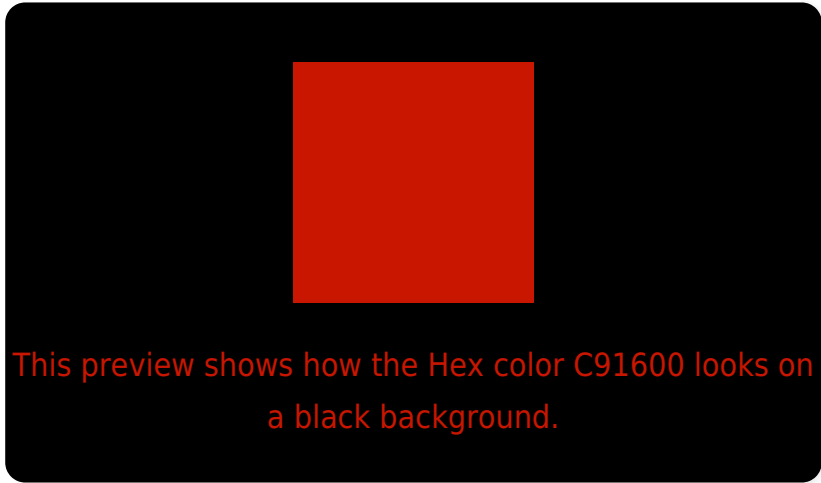
Large Text (above 18pt) WCAG AA ✓ Pass

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 C91600 Background



This preview shows how black text looks on a background with the Hex color C91600.



This preview shows how white text looks on a background with the Hex color C91600.

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
C91600

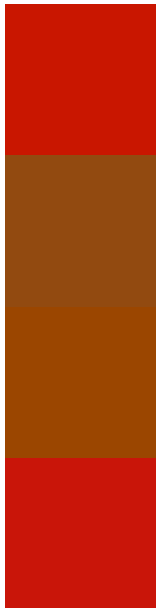
Protanopia
736719

Deuteranopia
816100



Tritanopia
C9150E

Trichromacy



Original Color
C91600

Protanomaly
924A10

Deuteranomaly
9B4600

Tritanomaly
C91509

Monochromacy



Original Color
C91600

Achromatopsia
494949

Achromatomaly
78362E

CSS Examples

Text

The CSS property to change the color of the text to Hex C91600 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 #C91600 looks like.

```
.text, #text, p{  
    color:#C91600  
}
```

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 #C91600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C91600
}
```

Border

The CSS property to change the border of an element to Hex C91600 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".

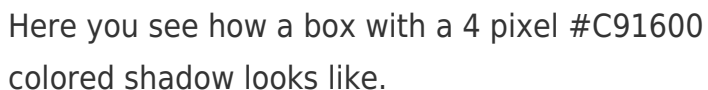
```
.border, #border, table{ border:4px solid
#C91600 }
```

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

```
.border{ border-color:#C91600 }
```

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

Here you see how a box with a 4 pixel #C91600 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C91600; -webkit-box-shadow:4px 4px  
4px 4px #C91600; box-shadow:4px 4px 4px  
4px #C91600 }
```

Background

The CSS property to change the background color of an element to Hex C91600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C91600 }
```

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

```
.background{ background-color:#C91600 }
```

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