

Converting Colors

Hex(CC2F00)

Have a look what the booklet for
Hex(CC2F00) contains.

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Color

Hex(CC2F00)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | CC2F00 |
| RGB | 204, 47, 0 |
| RGB Percent | 80%, 18%, 0% |
| CMY | 0.2000, 0.8157, 1.0000 |
| CMYK | 0.00, 0.77, 1.00, 0.20 |
| HSL | 14°, 100%, 40% |
| HSV | 14°, 100%, 80% |
| XYZ | 25.9184, 14.8704, 1.5042 |
| YIQ | 88.5850, 108.6590, 18.6670 |

Conversions

Conversions Part 2

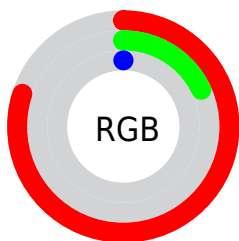
| Format | Color |
|-------------------------------------|---|
| RYB | 204, 61, 0 |
| Decimal | 13381376 |
| CIELab | 45.46, 59.34, 57.97 |
| CIELCh | 45, 82.954, 44.332 |
| Yxy | 14.8704, 0.6128, 0.3516 |
| Android (android.graphics.Color) | 4291571456 (0xFFCC2F00) |
| YUV | 88.5850, -43.6724, 101.2190 |
| Hunter-Lab | 38.5622, 52.4894, 24.6807 |

Details

The Hex color **CC2F00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **009DCC**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6A38**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC2F00**, and if you desaturate by 10%, it is **CC3F14**.

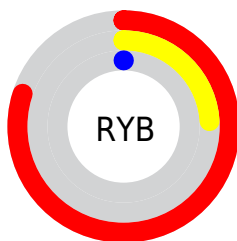
Distribution



Red (80%)

Green (18%)

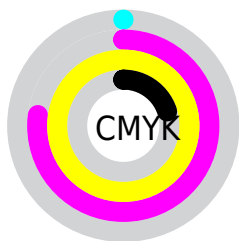
Blue (0%)



Red (80%)

Yellow (24%)

Blue (0%)

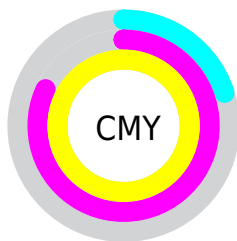


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC2F00 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 CC2F00 by changing the saturation by 10% instead.

 CC2F00

 CC2F00

 FFFFF4

 AC0000

 FF6A38

 8C0000

 FF8651

 6D0000

 FFA26A

 4E0001

 FFBF85

 320002

 FFDCA0

 000000

 FFF9BB

 FFFFD7

 CC2F00

 CC3F14

 CC4E29

 CC5E3D

 CC6E52

 CC7E66

 CC8D7A

 CC9D8F

 CCADA3

 CCBCB8

Harmonies

Analogous

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



E0004E



CC2F00



A15B00

Triad

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



CC2F00



008543



006AF5

Complementary

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



CC2F00



009DCC

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.



007EF3



CC2F00



00878C

Square

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



CC2F00



008000



0086CC



9443D0

Rectangle

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



CC2F00



7B6D00



0086CC



0073F9

Sweetspot

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



CC2F00



FFC4B3



CC00A0



805C52



000000



808080

Same Dimension

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



CC2F00



FF3B00



CC9200



665E5C



A62600



260900

Inverse Universe

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



009DCC



00C4FF



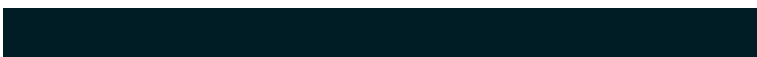
003ACC



5C6466



0080A6



001D26

Previews

White Background



This preview shows how the Hex color CC2F00 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



This preview shows how the Hex color CC2F00 looks on a 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 CC2F00 Background



This preview shows how black text looks on a background with the Hex color CC2F00.



This preview shows how white text looks on a background with the Hex color CC2F00.

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



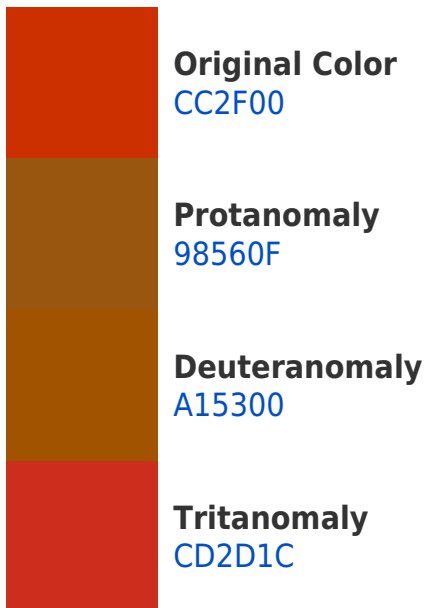
Original Color
CC2F00

Protanopia
7A6D18

Deuteranopia
896700



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC2F00 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 #CC2F00 looks like.

```
.text, #text, p{  
    color:#CC2F00  
}
```

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 #CC2F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2F00
}
```

Border

The CSS property to change the border of an element to Hex CC2F00 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
#CC2F00 }
```

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

```
.border{ border-color:#CC2F00 }
```

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

Here you see how a box with a 4 pixel #CC2F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2F00; -webkit-box-shadow:4px 4px  
4px 4px #CC2F00; box-shadow:4px 4px 4px  
4px #CC2F00 }
```

Background

The CSS property to change the background color of an element to Hex CC2F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2F00 }
```

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

```
.background{ background-color:#CC2F00 }
```

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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