

Converting Colors

Hex(C82F00)

Have a look what the booklet for
Hex(C82F00) contains.

Hex(C82F00)	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(C82F00)

Conversions

Conversions Part 1

Format	Color
Hex	C82F00
RGB	200, 47, 0
RGB Percent	78%, 18%, 0%
CMY	0.2157, 0.8157, 1.0000
CMYK	0.00, 0.77, 1.00, 0.22
HSL	14°, 100%, 39%
HSV	14°, 100%, 78%
XYZ	24.8359, 14.3124, 1.4536
YIQ	87.3890, 106.2750, 17.8190

Conversions

Conversions Part 2

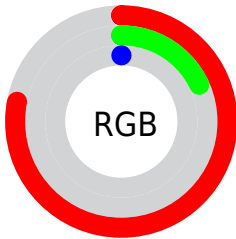
Format	Color
R_{YB}	200, 61, 0
Decimal	13119232
CIE _{Lab}	44.68, 58.12, 57.17
CIE _{LCh}	45, 81.523, 44.531
Yxy	14.3124, 0.6117, 0.3525
Android (android.graphics.Color)	4291309312 (0xFFC82F00)
YUV	87.3890, -43.0828, 98.7598
Hunter-Lab	37.8317, 50.9769, 24.2042

Details

The Hex color **C82F00** 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 **0099C8**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6937**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C82F00**, and if you desaturate by 10%, it is **C83E14**.

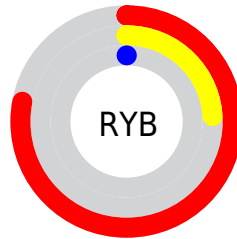
Distribution



Red (78%)

Green (18%)

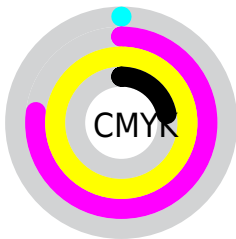
Blue (0%)



Red (78%)

Yellow (24%)

Blue (0%)

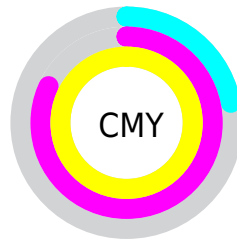


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C82F00 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 C82F00 by changing the saturation by 10% instead.

 C82F00

 C82F00

 FFFFF3

 A80200

 FF6937

 880000

 FF8550

 690000

 FFA16A

 4B0001

 FFBE84

 2E0002

 FFDB9F

 000000

 FFF8BA

 FFFFD7

 C82F00

 C83E14

 C84E28

 C85D3C

 C86C50

 C87C64

 C88B78

 C89A8C

 C8A9A0

 C8B9B4

Harmonies

Analogous

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



DB004D



C82F00



9E5900

Triad

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



C82F00



008342



0068F0

Complementary

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



C82F00



0099C8

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.



007CEF



C82F00



00858A

Square

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



C82F00



007D00



0084C9



9142CC

Rectangle

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



C82F00



786B00



0084C9



0070F4

Sweetspot

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



C82F00



FFC4B3



C80099



805C52



000000



808080

Same Dimension

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



C82F00



FF3C00



C89300



635C5A



A32600



240800

Inverse Universe

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



0099C8



00C3FF



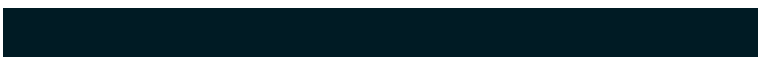
0035C8



5A6163



007DA3



001B24

Previews

White Background



This preview shows how the Hex color C82F00 looks on a white background.

Color Contrast Check

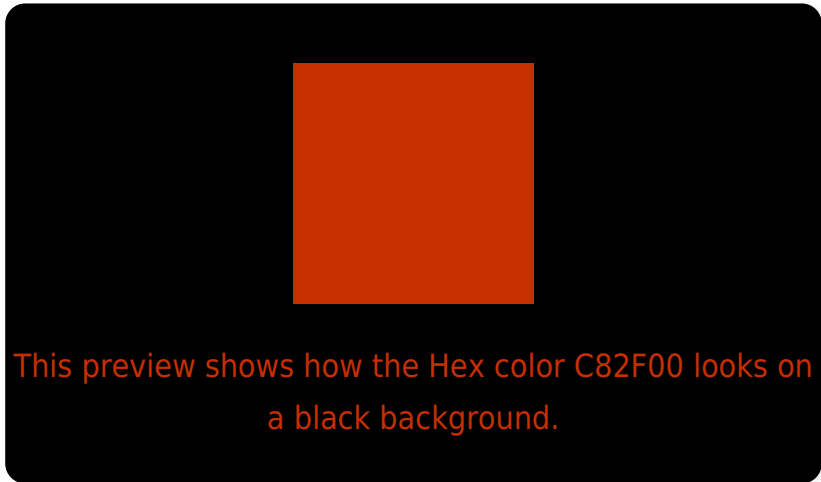
Large Text (above 18pt) WCAG AA ✓ Pass

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 C82F00 Background



This preview shows how black text looks on a background with the Hex color C82F00.



This preview shows how white text looks on a background with the Hex color C82F00.

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

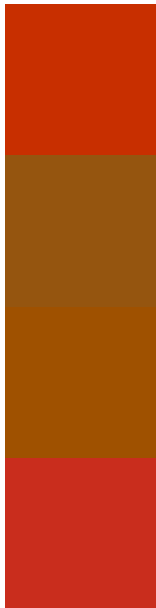


Original Color
C82F00

Protanopia
786B17

Deuteranopia
876500

Trichromacy



Original Color
C82F00

Protanomaly
95550F

Deuteranomaly
9F5100

Tritanomaly
C92D1D

Monochromacy



Original Color
C82F00

Achromatopsia
575757

Achromatomaly
804837

CSS Examples

Text

The CSS property to change the color of the text to Hex C82F00 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 #C82F00 looks like.

```
.text, #text, p{  
    color:#C82F00  
}
```

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 #C82F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82F00
}
```

Border

The CSS property to change the border of an element to Hex C82F00 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
#C82F00 }
```

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

```
.border{ border-color:#C82F00 }
```

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

Here you see how a box with a 4 pixel #C82F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82F00; -webkit-box-shadow:4px 4px  
4px 4px #C82F00; box-shadow:4px 4px 4px  
4px #C82F00 }
```

Background

The CSS property to change the background color of an element to Hex C82F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82F00 }
```

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

```
.background{ background-color:#C82F00 }
```

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