

# Converting Colors

Hex(CB2F00)

Have a look what the booklet for  
Hex(CB2F00) contains.

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**Color**

**Hex(CB2F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB2F00
RGB	203, 47, 0
RGB Percent	80%, 18%, 0%
CMY	0.2039, 0.8157, 1.0000
CMYK	0.00, 0.77, 1.00, 0.20
HSL	14°, 100%, 40%
HSV	14°, 100%, 80%
XYZ	25.6451, 14.7295, 1.4914
YIQ	88.2860, 108.0630, 18.4550

# Conversions

## Conversions Part 2

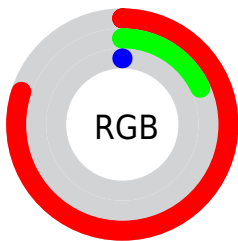
Format	Color
<a href="#">RYB</a>	<a href="#">203, 61, 0</a>
Decimal	<a href="#">13315840</a>
CIELab	<a href="#">45.26, 59.03, 57.77</a>
CIElCh	<a href="#">45, 82.597, 44.380</a>
Yxy	<a href="#">14.7295, 0.6126, 0.3518</a>
Android (android.graphics.Color)	<a href="#">4291505920</a> ( <a href="#">0xFFCB2F00</a> )
YUV	<a href="#">88.2860, -43.5250, 100.6042</a>
Hunter-Lab	<a href="#">38.3791, 52.1113, 24.5613</a>

# Details

The Hex color **CB2F00** 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 **009CCB**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6A38**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **CB2F00**, and if you desaturate by 10%, it is **CB3F14**.

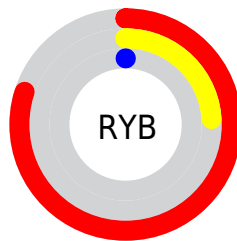
# Distribution



Red (80%)

Green (18%)

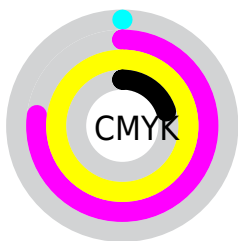
Blue (0%)



Red (80%)

Yellow (24%)

Blue (0%)

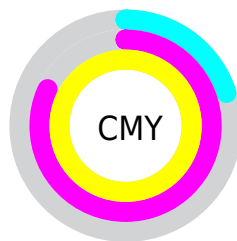


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB2F00 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 CB2F00 by changing the saturation by 10% instead.



 CB2F00

 CB2F00

 FFFFF4

 AB0100

 FF6A38

 8B0000

 FF8651

 6C0000

 FFA26A

 4E0001

 FFBE85

 310002

 FFDC9F

 000000

 FFF9BB

 FFFFD7

 CB2F00

 CB3F14

 CB4E29

 CB5E3D

 CB6D51

 CB7D66

 CB8D7A

 CB9C8E

 CBACA2

 CBBBB7

# Harmonies

## Analogous

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



DF004E



CB2F00



A05A00

# Triad

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



CB2F00



008543



0069F3

# Complementary

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



CB2F00



009CCB

# 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.



007EF2



CB2F00



00878C

# Square

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



CB2F00



007F00



0086CC



9343CF

# Rectangle

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



CB2F00



7A6C00



0086CC



0072F7



# Sweetspot

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



CB2F00



FFC4B3



CB009F



805C52



000000



808080



# Same Dimension

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



CB2F00



FF3B00



CB9100



665E5C



A62600



260900

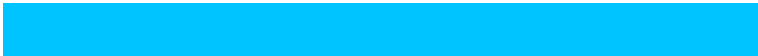


# Inverse Universe

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



009CCB



00C4FF



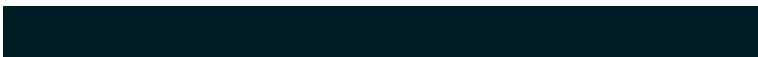
003ACB



5C6466



007FA6



001D26



# Previews

## White Background



This preview shows how the Hex color CB2F00 looks on a white background.

## Color Contrast Check

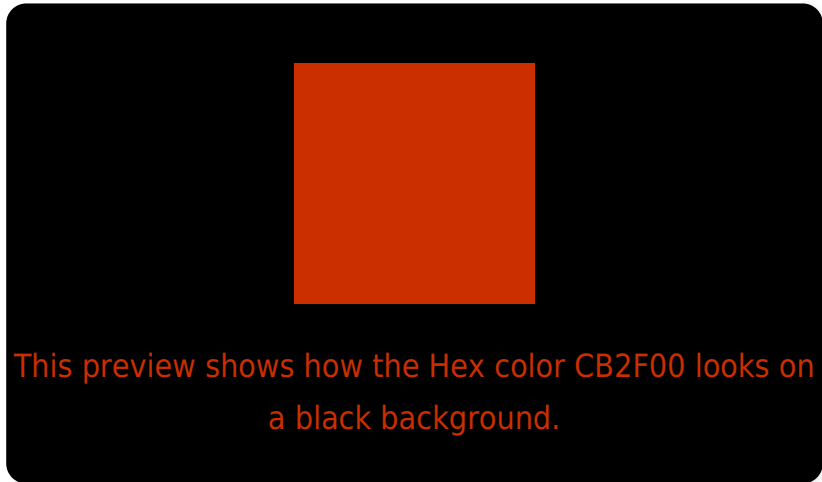
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB2F00 Background



This preview shows how black text looks on a background with the Hex color CB2F00.



This preview shows how white text looks on a background with the Hex color CB2F00.

# 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



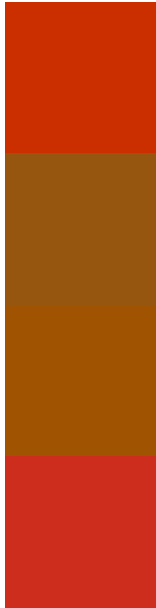
**Original Color**  
CB2F00

**Protanopia**  
7A6C18

**Deuteranopia**  
886700



# Trichromacy



**Original Color**  
CB2F00

**Protanomaly**  
97560F

**Deuteranomaly**  
A05300

**Tritanomaly**  
CC2D1D

# Monochromacy



**Original Color**  
CB2F00

**Achromatopsia**  
585858

**Achromatomaly**  
824938

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB2F00 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 #CB2F00 looks like.

```
.text, #text, p{  
    color:#CB2F00  
}
```

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 #CB2F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB2F00
}
```

## Border

The CSS property to change the border of an element to Hex CB2F00 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
#CB2F00 }
```

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

```
.border{ border-color:#CB2F00 }
```

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

Here you see how a box with a 4 pixel #CB2F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB2F00; -webkit-box-shadow:4px 4px  
4px 4px #CB2F00; box-shadow:4px 4px 4px  
4px #CB2F00 }
```

# Background

The CSS property to change the background color of an element to Hex CB2F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB2F00 }
```

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

```
.background{ background-color:#CB2F00 }
```

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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