

# Converting Colors

Hex(CC0F5B)

Have a look what the booklet for  
Hex(CC0F5B) contains.

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# Color

Hex(**CC0F5B**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0F5B
RGB	204, 15, 91
RGB Percent	80%, 6%, 36%
CMY	0.2000, 0.9412, 0.6431
CMYK	0.00, 0.93, 0.55, 0.20
HSL	336°, 86%, 43%
HSV	336°, 93%, 80%
XYZ	26.9610, 13.9343, 11.1661
YIQ	80.1750, 88.2480, 63.7040

# Conversions

## Conversions Part 2

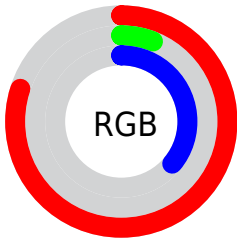
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 15, 91
Decimal	13373275
CIE <sub>Lab</sub>	44.14, 69.31, 10.07
CIE <sub>LCh</sub>	44, 70.035, 8.269
Yxy	13.9343, 0.5179, 0.2677
Android (android.graphics.Color)	4291563355 (0xFFCC0F5B)
YUV	80.1750, 5.3367, 108.5945
Hunter-Lab	37.3287, 63.5978, 8.3947

# Details

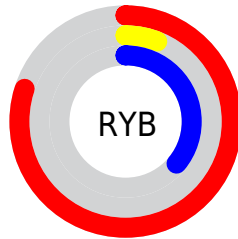
The Hex color **CC0F5B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **0FCC80**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5B8D**, and **8F002E** is the 20% darker color. If you saturate the color by 10%, you get **CC0052**, and if you desaturate by 10%, it is **CC2367**.

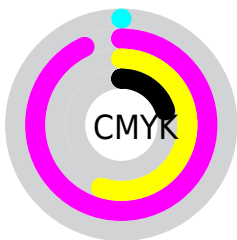
# Distribution



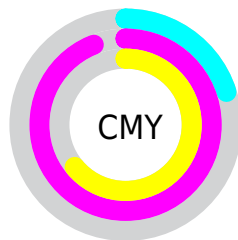
- Red (80%)
- Green (6%)
- Blue (36%)



- Red (80%)
- Yellow (6%)
- Blue (36%)



- Cyan (0%)
- Magenta (93%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (94%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0F5B 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 CC0F5B by changing the saturation by 10% instead.



 CC0F5B

 CC0F5B

FFFFFF

 AD0044

 FF5B8D

 8F002E

 FF79A7

 70001A

 FF96C2

 530002

 FFB3DE

 350002

 FFD1FA

 020000

 FFEFFF

 000000

 CC0F5B

 CC0F5B

 CC0052

 CC2367

 CC3873

 CC4C80

 CC618C

 CC7598

 CC89A4

 CC9EB0

 CCB2BD

 CCC7C9

# Harmonies

## Analogous

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



B82995



CC0F5B



C13422

# Triad

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



CC0F5B



2D7800



007AD5

# Complementary

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



CC0F5B



0FCC80

# 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.



0080B0



CC0F5B



007E3A

# Square

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



CC0F5B



716B00



008178



006BDD

# Rectangle

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



CC0F5B



AD4B00



008178



007DCC



# Sweetspot

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



CC0F5B



FFB8D4



7D0FCC



805466



000000



808080



# Same Dimension

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



CC0F5B



FF0067



CC1F0F



665C60



A60043



26000F



# Inverse Universe

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



CC0F5B



FF0067



0FBCCC



665C60



A60043



26000F



# Previews

## White Background



This preview shows how the Hex color CC0F5B looks on a white background.

## Color Contrast Check

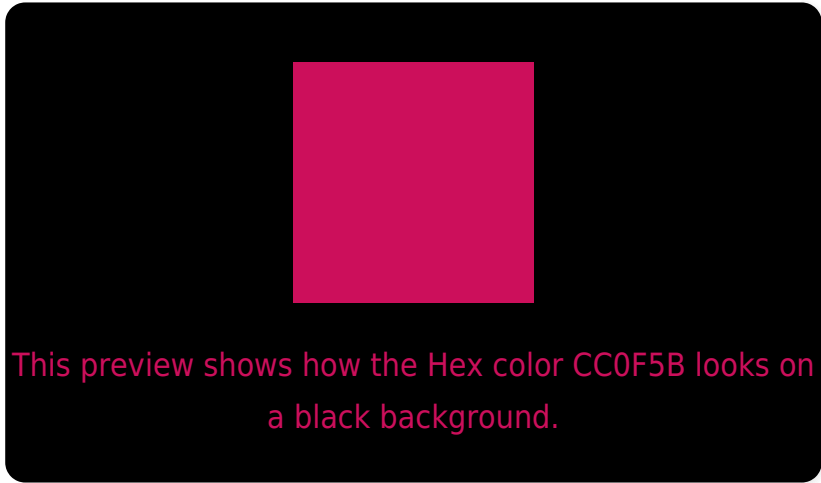
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0F5B Background



This preview shows how black text looks on a background with the Hex color CC0F5B.



This preview shows how white text looks on a background with the Hex color CC0F5B.

# 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



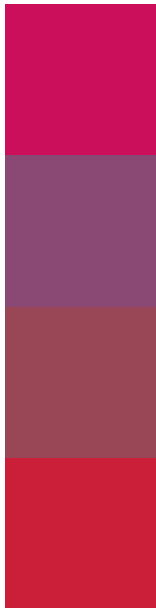
**Original Color**  
CC0F5B

**Protanopia**  
646983

**Deuteranopia**  
7C6653



# Trichromacy



**Original Color**  
CC0F5B

**Protanomaly**  
8A4874

**Deuteranomaly**  
994656

**Tritanomaly**  
CB1E39

# Monochromacy



**Original Color**  
CC0F5B

**Achromatopsia**  
505050

**Achromatomaly**  
7D3854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0F5B 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 #CC0F5B looks like.

```
.text, #text, p{  
    color:#CC0F5B  
}
```

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 #CC0F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0F5B
}
```

## Border

The CSS property to change the border of an element to Hex CC0F5B 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
#CC0F5B }
```

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

```
.border{ border-color:#CC0F5B }
```

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

Here you see how a box with a 4 pixel #CC0F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0F5B; -webkit-box-shadow:4px 4px  
4px 4px #CC0F5B; box-shadow:4px 4px 4px  
4px #CC0F5B }
```

# Background

The CSS property to change the background color of an element to Hex CC0F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0F5B }
```

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

```
.background{ background-color:#CC0F5B }
```

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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