

Converting Colors

Hex(CF0F59)

Have a look what the booklet for
Hex(CF0F59) contains.

Hex(CF0F59)	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(CF0F59)

Conversions

Conversions Part 1

Format	Color
Hex	CF0F59
RGB	207, 15, 89
RGB Percent	81%, 6%, 35%
CMY	0.1882, 0.9412, 0.6510
CMYK	0.00, 0.93, 0.57, 0.19
HSL	337°, 86%, 44%
HSV	337°, 93%, 81%
XYZ	27.7061, 14.3283, 10.7566
YIQ	80.8440, 90.6780, 63.7180

Conversions

Conversions Part 2

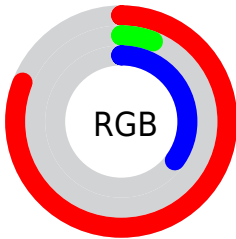
Format	Color
R_{YB}	207, 15, 89
Decimal	13569881
CIE Lab	44.70, 69.89, 12.20
CIE LCh	45, 70.943, 9.902
Yxy	14.3283, 0.5248, 0.2714
Android (android.graphics.Color)	4291759961 (0xFFCF0F59)
YUV	80.8440, 4.0209, 110.6388
Hunter-Lab	37.8528, 64.4098, 9.6486

Details

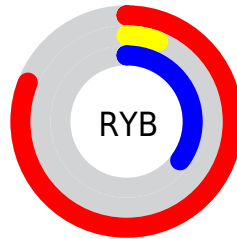
The Hex color **CF0F59** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **0FCF85**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5C8B**, and **91002C** is the 20% darker color. If you saturate the color by 10%, you get **CF0050**, and if you desaturate by 10%, it is **CF2466**.

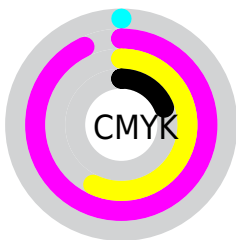
Distribution



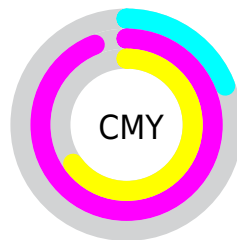
- Red (81%)
- Green (6%)
- Blue (35%)



- Red (81%)
- Yellow (6%)
- Blue (35%)



- Cyan (0%)
- Magenta (93%)
- Yellow (57%)
- Black (19%)



- Cyan (19%)
- Magenta (94%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF0F59 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 CF0F59 by changing the saturation by 10% instead.

 CF0F59

 CF0F59

FFFFFF

 B00042

 FF5C8B

 91002C

 FF79A5

 730019

 FF97C0

 550002

 FFB4DC

 370002

 FFD2F8

 0A0000

 FFEFFF

 000000

 CF0F59

 CF0F59

 CF0050

 CF2466

 CF3872

 CF4D7F

 CF628C

 CF7799

 CF8BA5

 CFA0B2

 CFB5BF

 CFC9CB

Harmonies

Analogous

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



BC2794



CF0F59



C3361F

Triad

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



CF0F59



277A00



007BDA

Complementary

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



CF0F59



0FCF85

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.



0082B5



CF0F59



00803E

Square

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



CF0F59



6F6E00



00837C



006BE0

Rectangle

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



CF0F59



AE4E00



00837C



007ED0

Sweetspot

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



CF0F59



FFB8D3



820FCF



805465



000000



808080

Same Dimension

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



CF0F59



FF0062



CF220F



695E62



A80041



290010

Inverse Universe

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



CF0F59



FF0062



0FBCCF



695E62



A80041



290010

Previews

White Background



This preview shows how the Hex color CF0F59 looks on a white background.

Color Contrast Check

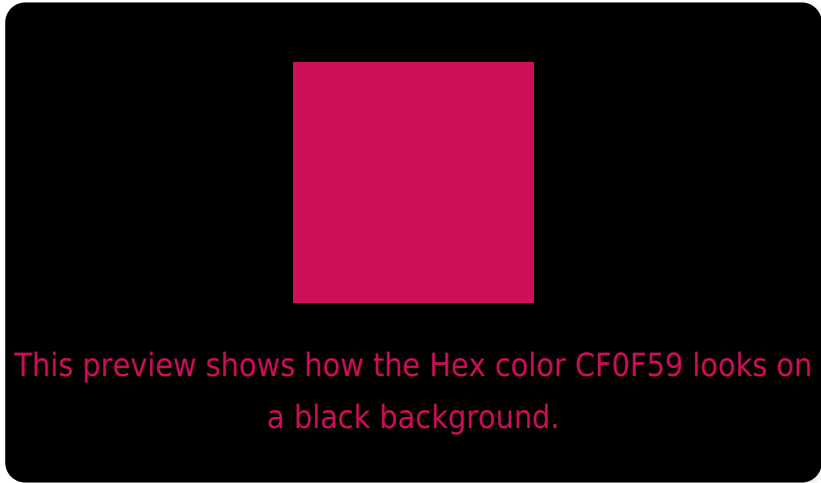
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF0F59 Background



This preview shows how black text looks on a background with the Hex color CF0F59.



This preview shows how white text looks on a background with the Hex color CF0F59.

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



Trichromacy



Original Color
CF0F59



Protanomaly
8D4972



Deuteranomaly
9B4753



Tritanomaly
CE1E38

Monochromacy



Original Color
CF0F59



Achromatopsia
515151



Achromatomaly
7F3954

CSS Examples

Text

The CSS property to change the color of the text to Hex CF0F59 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 #CF0F59 looks like.

```
.text, #text, p{  
    color:#CF0F59  
}
```

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 #CF0F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF0F59
}
```

Border

The CSS property to change the border of an element to Hex CF0F59 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
#CF0F59 }
```

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

```
.border{ border-color:#CF0F59 }
```

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

Here you see how a box with a 4 pixel #CF0F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF0F59; -webkit-box-shadow:4px 4px  
4px 4px #CF0F59; box-shadow:4px 4px 4px  
4px #CF0F59 }
```

Background

The CSS property to change the background color of an element to Hex CF0F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF0F59 }
```

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

```
.background{ background-color:#CF0F59 }
```

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