

Converting Colors

Hex(CF3087)

Have a look what the booklet for
Hex(CF3087) contains.

Hex(CF3087)	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(CF3087)

Conversions

Conversions Part 1

Format	Color
Hex	CF3087
RGB	207, 48, 135
RGB Percent	81%, 19%, 53%
CMY	0.1882, 0.8118, 0.4706
CMYK	0.00, 0.77, 0.35, 0.19
HSL	327°, 62%, 50%
HSV	327°, 77%, 81%
XYZ	31.1623, 17.1286, 24.5854
YIQ	105.4590, 66.8370, 60.7650

Conversions

Conversions Part 2

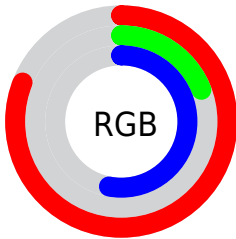
Format	Color
R_{YB}	207, 48, 135
Decimal	13578375
CIE _{Lab}	48.42, 67.09, -10.72
CIE _{LCh}	48, 67.944, 350.926
Yxy	17.1286, 0.4276, 0.2350
Android (android.graphics.Color)	4291768455 (0xFFCF3087)
YUV	105.4590, 14.5637, 89.0515
Hunter-Lab	41.3867, 61.9755, -6.2500

Details

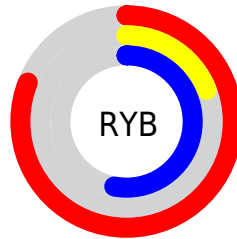
The Hex color **CF3087** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **30CF78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6EBC**, and **940055** is the 20% darker color. If you saturate the color by 10%, you get **CF1B7E**, and if you desaturate by 10%, it is **CF4590**.

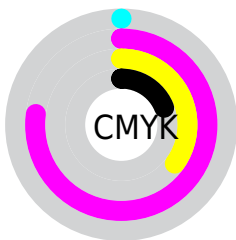
Distribution



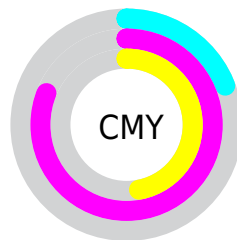
- Red (81%)
- Green (19%)
- Blue (53%)



- Red (81%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (77%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF3087 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 CF3087 by changing the saturation by 10% instead.

 CF3087

 CF3087

FFFFFF

 B1006E

 FF6EBC

 940055

 FF8AD8

 77003E

 FFA7F4

 5A0028

 FFC5FF

 3F0014

 FFE2FF

 1F0001

 000000

 CF3087

 CF3087

 CF1B7E

 CF4590

■ CF0774

■ CF599A

■ CF0071

■ CF6EA3

■ CF83AC

■ CF98B6

■ CFACBF

■ CFC1C9

■ CFD6D2

■ CFEADB

Harmonies

Analogous

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



A54EBC



CF3087



D6334E

Triad

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



CF3087



657C00



0089CC

Complementary

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



CF3087



30CF78

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.



008C9B



CF3087



008622

Square

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



CF3087



9A6A00



008B5F



007FE5

Rectangle

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



CF3087



CB4629



008B5F



008BBD

Sweetspot

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



CF3087



FFC4E4



7830CF



805C6F



000000



808080

Same Dimension

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



CF3087



FF1495



CF3038



695E64



A8005C



290016

Inverse Universe

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



CF3087



FF1495



30CFC7



695E64



A8005C



290016

Previews

White Background



This preview shows how the Hex color CF3087 looks on a white background.

Color Contrast Check

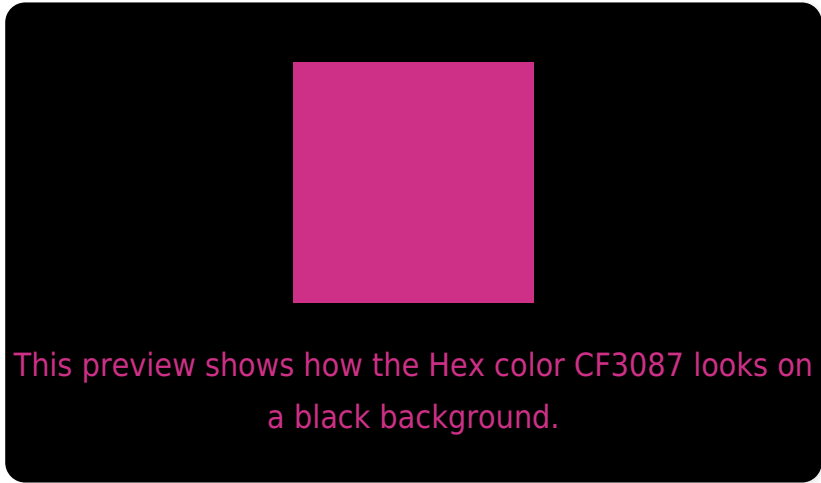
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF3087 Background



This preview shows how black text looks on a background with the Hex color CF3087.

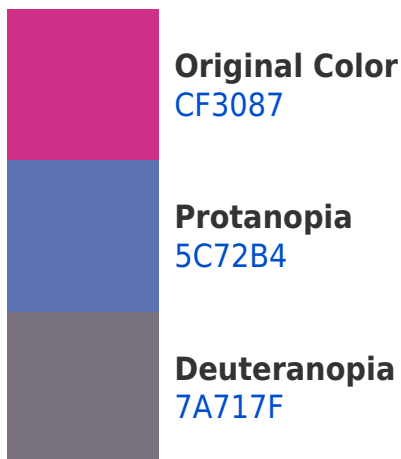


This preview shows how white text looks on a background with the Hex color CF3087.

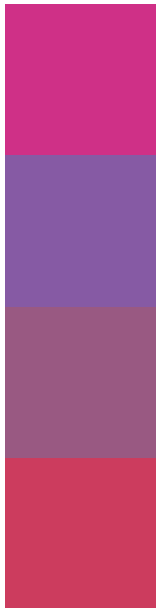
Color Blindness Simulation

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



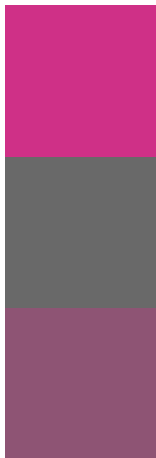
Original Color
CF3087

Protanomaly
865AA4

Deuteranomaly
995982

Tritanomaly
CC3C5E

Monochromacy



Original Color
CF3087

Achromatopsia
696969

Achromatomaly
8E5474

CSS Examples

Text

The CSS property to change the color of the text to Hex CF3087 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 #CF3087 looks like.

```
.text, #text, p{  
  color:#CF3087  
}
```

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 #CF3087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3087
}
```

Border

The CSS property to change the border of an element to Hex CF3087 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
#CF3087 }
```

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

```
.border{ border-color:#CF3087 }
```

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

Here you see how a box with a 4 pixel #CF3087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3087; -webkit-box-shadow:4px 4px  
4px 4px #CF3087; box-shadow:4px 4px 4px  
4px #CF3087 }
```

Background

The CSS property to change the background color of an element to Hex CF3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3087 }
```

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

```
.background{ background-color:#CF3087 }
```

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