

Converting Colors

Hex(CF007F)

Have a look what the booklet for
Hex(CF007F) contains.

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Color

Hex(CF007F)

Conversions

Conversions Part 1

Format	Color
Hex	CF007F
RGB	207, 0, 127
RGB Percent	81%, 0%, 50%
CMY	0.1882, 1.0000, 0.5020
CMYK	0.00, 1.00, 0.39, 0.19
HSL	323°, 100%, 41%
HSV	323°, 100%, 81%
XYZ	29.5629, 14.7977, 21.3768
YIQ	76.3710, 82.6050, 83.3810

Conversions

Conversions Part 2

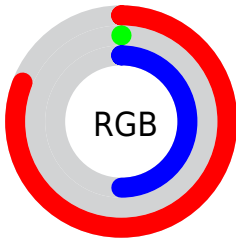
Format	Color
RYB	207, 0, 127
Decimal	13566079
CIELab	45.36, 74.31, -10.45
CIElCh	45, 75.038, 351.991
Yxy	14.7977, 0.4497, 0.2251
Android (android.graphics.Color)	4291756159 (0xFFCF007F)
YUV	76.3710, 24.9601, 114.5616
Hunter-Lab	38.4678, 69.8605, -6.0204

Details

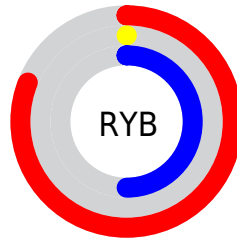
The Hex color **CF007F** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **00CF50**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF59B4**, and **93004E** is the 20% darker color. If you saturate the color by 10%, you get **CF007F**, and if you desaturate by 10%, it is **CF1587**.

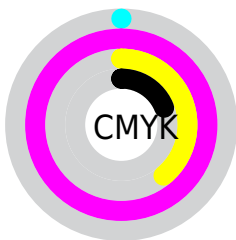
Distribution



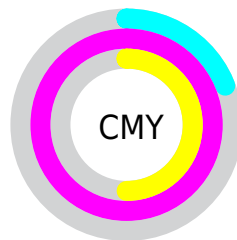
- Red (81%)
- Green (0%)
- Blue (50%)



- Red (81%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF007F 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 CF007F by changing the saturation by 10% instead.

 CF007F

 CF007F

FFFFFF

 B10066

 FF59B4

 93004E

 FF78CF

 750037

 FF96EB

 580022

 FFB3FF

 3C0009

 FFD1FF

 170001

 FFEFFF

 000000

 CF007F

 CF1587

 CF298F

 CF3E97

 CF539F

 CF68A7

 CF7CAF

 CF91B7

 CFA6BF

 CFBAC7

Harmonies

Analogous

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



A43EBA



CF007F



D41141

Triad

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



CF007F



577600



0083CE

Complementary

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



CF007F



00CF50

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.



008699



CF007F



00800D

Square

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



CF007F



916300



008458



0079E9

Rectangle

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



CF007F



C73617



008458



0084BF

Sweetspot

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



CF007F



FFB3E1



4F00CF



80526E



000000



808080

Same Dimension

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



CF007F



FF009C



CF0018



695E65



A80067



290019

Inverse Universe

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



CF007F



FF009C



00CFB7



695E65



A80067



290019

Previews

White Background



This preview shows how the Hex color CF007F looks on a white background.

Color Contrast Check

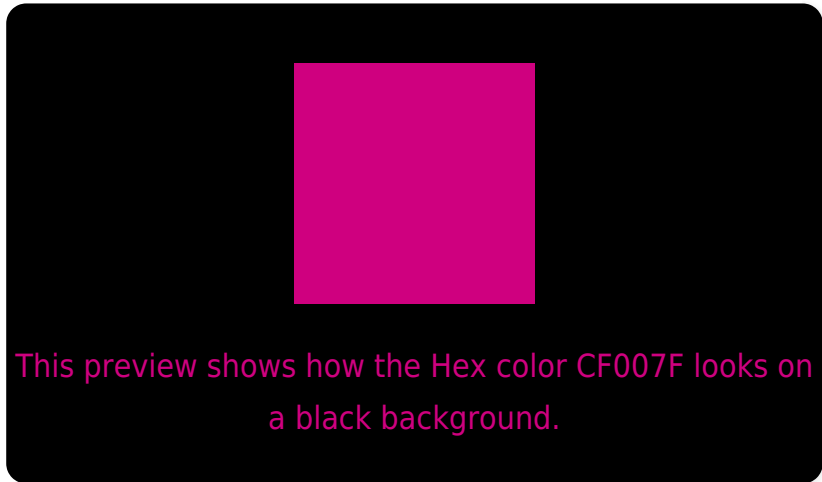
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF007F Background



This preview shows how black text looks on a background with the Hex color CF007F.

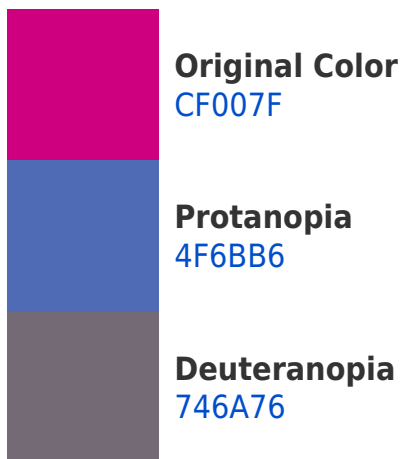


This preview shows how white text looks on a background with the Hex color CF007F.

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
CF007F



Protanomaly
7E44A2



Deuteranomaly
954379



Tritanomaly
CC204F

Monochromacy



Original Color
CF007F



Achromatopsia
4C4C4C



Achromatomaly
7C305F

CSS Examples

Text

The CSS property to change the color of the text to Hex CF007F 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 #CF007F looks like.

```
.text, #text, p{  
    color:#CF007F  
}
```

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 #CF007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF007F
}
```

Border

The CSS property to change the border of an element to Hex CF007F 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
#CF007F }
```

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

```
.border{ border-color:#CF007F }
```

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

Here you see how a box with a 4 pixel #CF007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF007F; -webkit-box-shadow:4px 4px  
4px 4px #CF007F; box-shadow:4px 4px 4px  
4px #CF007F }
```

Background

The CSS property to change the background color of an element to Hex CF007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF007F }
```

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

```
.background{ background-color:#CF007F }
```

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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