

Converting Colors

Hex(CF0047)

Have a look what the booklet for
Hex(CF0047) contains.

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Color

Hex(CF0047)

Conversions

Conversions Part 1

Format	Color
Hex	CF0047
RGB	207, 0, 71
RGB Percent	81%, 0%, 28%
CMY	0.1882, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.66, 0.19
HSL	339°, 100%, 41%
HSV	339°, 100%, 81%
XYZ	26.8695, 13.7203, 7.1933
YIQ	69.9870, 100.5810, 65.9650

Conversions

Conversions Part 2

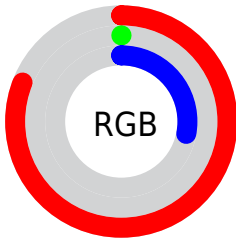
Format	Color
RYB	207, 0, 71
Decimal	13566023
CIELab	43.83, 70.27, 22.30
CIElCh	44, 73.723, 17.609
Yxy	13.7203, 0.5623, 0.2871
Android (android.graphics.Color)	4291756103 (0xFFCF0047)
YUV	69.9870, 0.4994, 120.1604
Hunter-Lab	37.0410, 64.6619, 14.4146

Details

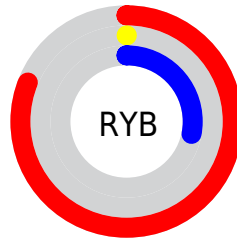
The Hex color **CF0047** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CF88**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5777**, and **90001D** is the 20% darker color. If you saturate the color by 10%, you get **CF0047**, and if you desaturate by 10%, it is **CF1555**.

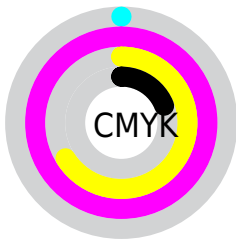
Distribution



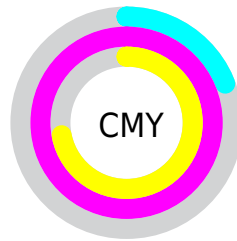
- Red (81%)
- Green (0%)
- Blue (28%)



- Red (81%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF0047 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 CF0047 by changing the saturation by 10% instead.

 CF0047

 CF0047

FFFFFF

 AF0031

 FF5777

 90001D

 FF7591

 720003

 FF93AB

 530002

 FFB0C6

 350002

 FFC EE2

 010000

 FFE CFF

 000000

 CF0047

 CF1555

 CF2962

 CF3E70

 CF537D

 CF688B

 CF7C99

 CF91A6

 CFA6B4

 CFBAC1

Harmonies

Analogous

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



C50884



CF0047



BB3B03

Triad

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



CF0047



007A00



0077E1

Complementary

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



CF0047



00CF88

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.



007FC2



CF0047



007F4B

Square

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



CF0047



5D7000



00818B



0063DE

Rectangle

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



CF0047



A25200



00818B



007BDA

Sweetspot

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



CF0047



FFB3CD



8700CF



805261



000000



808080

Same Dimension

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



CF0047



FF0057



CF1F00



695E62



A8003A



29000E

Inverse Universe

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



CF0047



FF0057



00B0CF



695E62



A8003A



29000E

Previews

White Background



This preview shows how the Hex color CF0047 looks on a white background.

Color Contrast Check

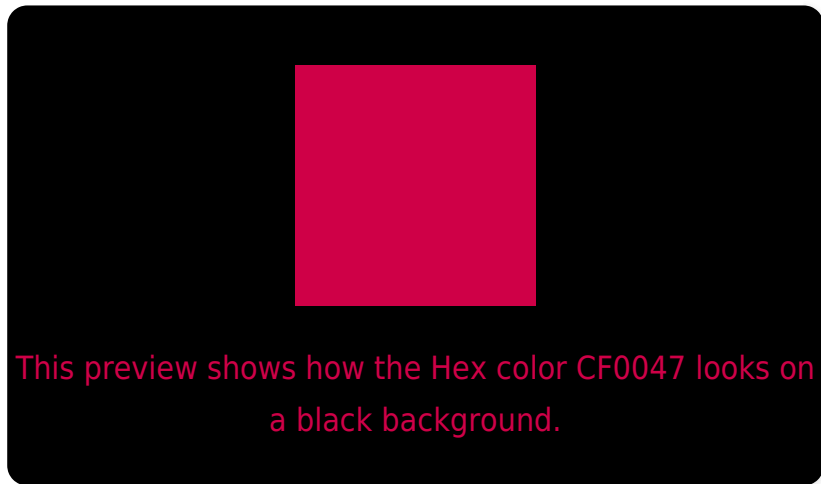
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF0047 Background



This preview shows how black text looks on a background with the Hex color CF0047.

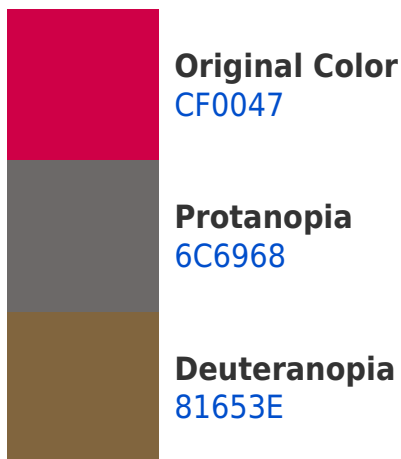


This preview shows how white text looks on a background with the Hex color CF0047.

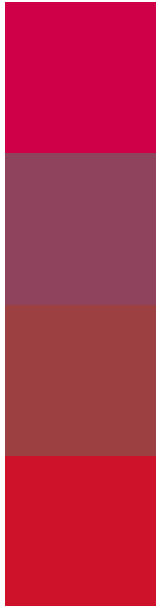
Color Blindness Simulation

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
CF0047

Protanomaly
90435C

Deuteranomaly
9D4041

Tritanomaly
CE122A

Monochromacy



Original Color
CF0047

Achromatopsia
464646

Achromatomaly
782D46

CSS Examples

Text

The CSS property to change the color of the text to Hex CF0047 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 #CF0047 looks like.

```
.text, #text, p{  
    color:#CF0047  
}
```

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 #CF0047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF0047
}
```

Border

The CSS property to change the border of an element to Hex CF0047 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".

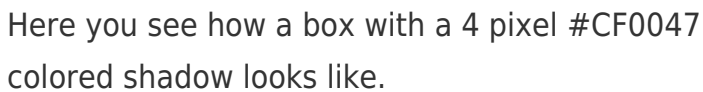
```
.border, #border, table{ border:4px solid
#CF0047 }
```

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

```
.border{ border-color:#CF0047 }
```

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

Here you see how a box with a 4 pixel #CF0047 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF0047; -webkit-box-shadow:4px 4px  
4px 4px #CF0047; box-shadow:4px 4px 4px  
4px #CF0047 }
```

Background

The CSS property to change the background color of an element to Hex CF0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF0047 }
```

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

```
.background{ background-color:#CF0047 }
```

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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