

# Converting Colors

Hex(CF0095)

Have a look what the booklet for  
Hex(CF0095) contains.

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**Color**

**Hex(CF0095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF0095
RGB	207, 0, 149
RGB Percent	81%, 0%, 58%
CMY	0.1882, 1.0000, 0.4157
CMYK	0.00, 1.00, 0.28, 0.19
HSL	317°, 100%, 41%
HSV	317°, 100%, 81%
XYZ	31.1569, 15.4353, 29.7709
YIQ	78.8790, 75.5430, 90.2230

# Conversions

## Conversions Part 2

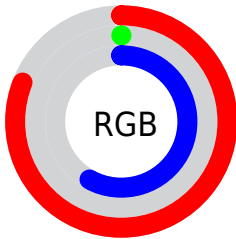
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 0, 149
Decimal	13566101
CIE <sub>Lab</sub>	46.22, 76.54, -22.53
CIE <sub>LCh</sub>	46, 79.789, 343.602
Yxy	15.4353, 0.4080, 0.2021
Android (android.graphics.Color)	4291756181 (0xFFCF0095)
YUV	78.8790, 34.5697, 112.3621
Hunter-Lab	39.2878, 72.8046, -17.4264

# Details

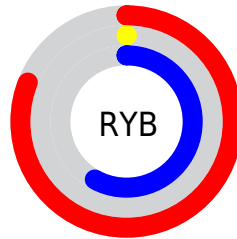
The Hex color **CF0095** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00CF3A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5BCB**, and **930062** is the 20% darker color. If you saturate the color by 10%, you get **CF0095**, and if you desaturate by 10%, it is **CF159B**.

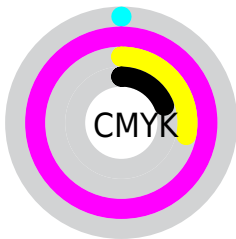
# Distribution



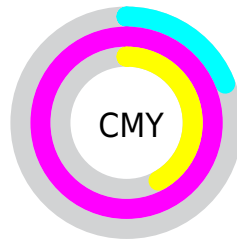
- Red (81%)
- Green (0%)
- Blue (58%)



- Red (81%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF0095 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 CF0095 by changing the saturation by 10% instead.



 CF0095

 CF0095

FFFFFF

 B1007B

 FF5BCB

 930062

 FF79E8

 76004A

 FF97FF

 590033

 FFB5FF

 3E001E

 FFD2FF

 1F0001

 FFF1FF

 000000

 CF0095

 CF159B

 CF29A1

 CF3EA6

 CF53AC

 CF68B2

 CF7CB8

 CF91BE

 CFA6C3

 CFBAC9

# Harmonies

## Analogous

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



9349D0



CF0095



DF0053

# Triad

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



CF0095



6A7400



0088CA

# Complementary

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



CF0095



00CF3A

# 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.



00898B



CF0095



008100

# Square

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



CF0095



A35D00



008745



0080F0

# Rectangle

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



CF0095



D62027



008745



0089B7



# Sweetspot

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



CF0095



FFB3EA



3700CF



805273



000000



808080



# Same Dimension

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



CF0095



FF00B8



CF0030



695E66



A80079



29001D



# Inverse Universe

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



CF0095



FF00B8



00CF9F



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color CF0095 looks on a white background.

## Color Contrast Check

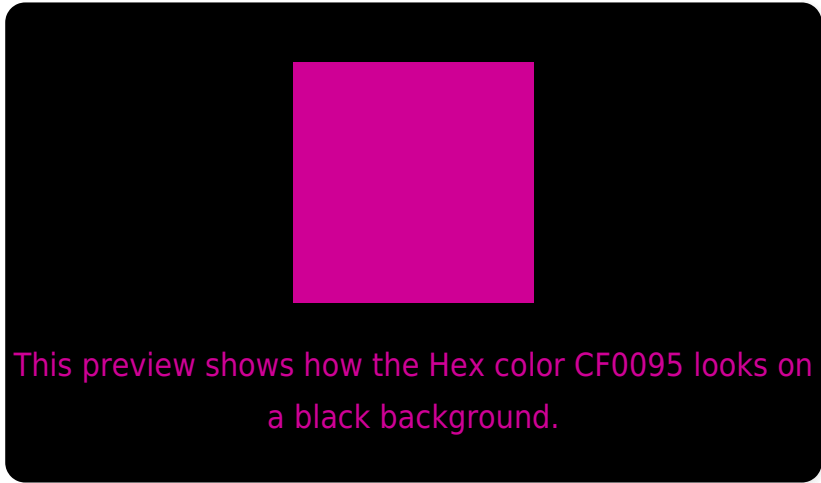
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF0095 Background



This preview shows how black text looks on a background with the Hex color CF0095.



This preview shows how white text looks on a background with the Hex color CF0095.

# 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





**Tritanopia**  
C93B3D

# Trichromacy



**Original Color**  
CF0095



**Protanomaly**  
6E45BD



**Deuteranomaly**  
90458F



**Tritanomaly**  
CB265D

# Monochromacy



**Original Color**  
CF0095



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
7E3268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF0095 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 #CF0095 looks like.

```
.text, #text, p{  
    color:#CF0095  
}
```

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 #CF0095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF0095
}
```

## Border

The CSS property to change the border of an element to Hex CF0095 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
#CF0095 }
```

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

```
.border{ border-color:#CF0095 }
```

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

Here you see how a box with a 4 pixel #CF0095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF0095; -webkit-box-shadow:4px 4px  
4px 4px #CF0095; box-shadow:4px 4px 4px  
4px #CF0095 }
```

# Background

The CSS property to change the background color of an element to Hex CF0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF0095 }
```

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

```
.background{ background-color:#CF0095 }
```

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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