

# Converting Colors

Hex(F5007D)

Have a look what the booklet for  
Hex(F5007D) contains.

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**Color**

**Hex(F5007D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5007D
RGB	245, 0, 125
RGB Percent	96%, 0%, 49%
CMY	0.0392, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.49, 0.04
HSL	329°, 100%, 48%
HSV	329°, 100%, 96%
XYZ	41.3579, 20.8931, 21.2550
YIQ	87.5050, 105.8950, 90.8150

# Conversions

## Conversions Part 2

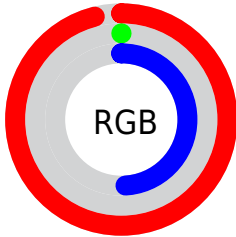
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 0, 125
Decimal	16056445
CIE <sub>Lab</sub>	52.83, 82.20, 2.66
CIE <sub>LCh</sub>	53, 82.239, 1.852
Yxy	20.8931, 0.4953, 0.2502
Android (android.graphics.Color)	4294246525 (0xFFFF5007D)
YUV	87.5050, 18.4850, 138.1231
Hunter-Lab	45.7090, 81.5173, 4.4260

# Details

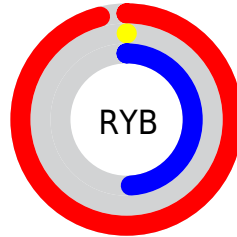
The Hex color **F5007D** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00F578**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF61B1**, and **B6004D** is the 20% darker color. If you saturate the color by 10%, you get **F5007D**, and if you desaturate by 10%, it is **F51889**.

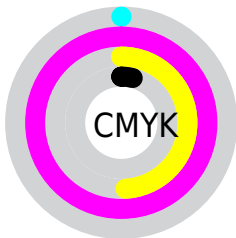
# Distribution



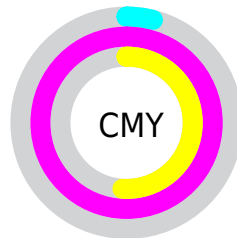
- Red (96%)
- Green (0%)
- Blue (49%)



- Red (96%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5007D 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 F5007D by changing the saturation by 10% instead.



 F5007D

 F5007D

FFFFFF

 D50064

 FF61B1

 B6004D

 FF81CD

 970036

 FFA0E9

 780021

 FFBEFF

 5A0009

 FFDDFF

 3A0002

 FFFBFF

 130000

 000000

 F5007D

 F51889

 F53195

 F54AA1

 F562AD

 F57BB9

 F593C5

 F5ABD1

 F5C4DD

 F5DDE9

# Harmonies

## Analogous

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



D33BC2



F5007D



EF3238

# Triad

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



F5007D



4C8F00



0096FC

# Complementary

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



F5007D



00F578

# 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.



009BC8



F5007D



009835

# Square

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



F5007D



957D00



009B81



0086FF

# Rectangle

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



F5007D



DA5200



009B81



0099ED



# Sweetspot

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



F5007D



FFB3DA



7600F5



805269



000000



808080



# Same Dimension

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



F5007D



FF0082



F50004



7A6E74



BA005F



3B001E



# Inverse Universe

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



F5007D



FF0082



00F5F1



7A6E74



BA005F



3B001E



# Previews

## White Background



This preview shows how the Hex color F5007D looks on a white background.

## Color Contrast Check

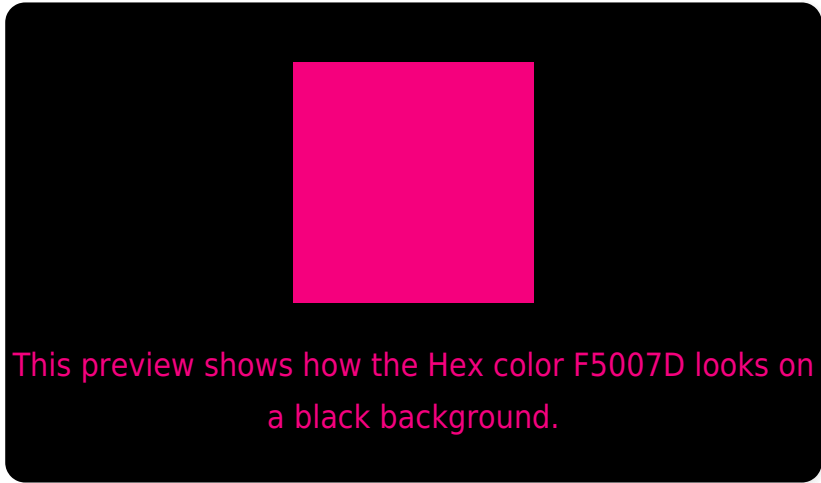
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F5007D Background



This preview shows how black text looks on a background with the Hex color F5007D.



This preview shows how white text looks on a background with the Hex color F5007D.

# 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**  
F13232

# Trichromacy



**Original Color**  
F5007D



**Protanomaly**  
A050A0



**Deuteranomaly**  
B54E77



**Tritanomaly**  
F2204D

# Monochromacy



**Original Color**  
F5007D



**Achromatopsia**  
585858



**Achromatomaly**  
913865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5007D 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 #F5007D looks like.

```
.text, #text, p{  
    color:#F5007D  
}
```

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 #F5007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5007D
}
```

## Border

The CSS property to change the border of an element to Hex F5007D 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
#F5007D }
```

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

```
.border{ border-color:#F5007D }
```

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

Here you see how a box with a 4 pixel #F5007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5007D; -webkit-box-shadow:4px 4px  
4px 4px #F5007D; box-shadow:4px 4px 4px  
4px #F5007D }
```

# Background

The CSS property to change the background color of an element to Hex F5007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5007D }
```

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

```
.background{ background-color:#F5007D }
```

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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