

# Converting Colors

Hex(F15DC7)

Have a look what the booklet for  
Hex(F15DC7) contains.

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**Color**

**Hex(F15DC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F15DC7
RGB	241, 93, 199
RGB Percent	95%, 36%, 78%
CMY	0.0549, 0.6353, 0.2196
CMYK	0.00, 0.61, 0.17, 0.05
HSL	317°, 84%, 65%
HSV	317°, 61%, 95%
XYZ	50.4988, 30.6530, 57.2879
YIQ	149.3360, 54.1820, 64.3420

# Conversions

## Conversions Part 2

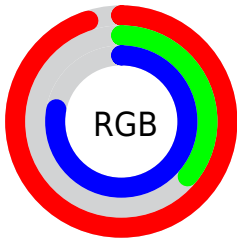
Format	Color
R <sub>Y</sub> B	241, 93, 199
Decimal	15818183
CIE Lab	62.21, 67.84, -26.61
CIE LCh	62, 72.869, 338.583
Yxy	30.6530, 0.3648, 0.2214
Android (android.graphics.Color)	4294008263 (0xFFFF15DC7)
YUV	149.3360, 24.4844, 80.3893
Hunter-Lab	55.3651, 65.9216, -22.5934

# Details

The Hex color **F15DC7** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5DF187**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF97FF**, and **B51A91** is the 20% darker color. If you saturate the color by 10%, you get **F145C0**, and if you desaturate by 10%, it is **F175CE**.

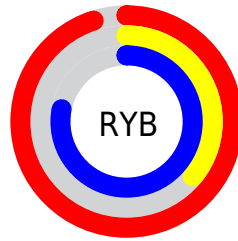
# Distribution



Red (95%)

Green (36%)

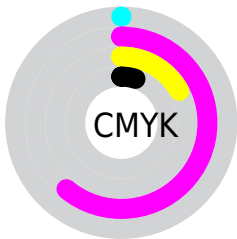
Blue (78%)



Red (95%)

Yellow (36%)

Blue (78%)

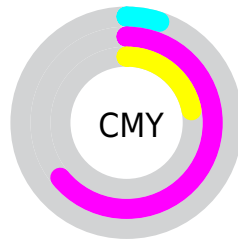


Cyan (0%)

Magenta (61%)

Yellow (17%)

Black (5%)



Cyan (5%)

Magenta (64%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F15DC7 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 F15DC7 by changing the saturation by 10% instead.



 F15DC7

 F15DC7

FFFFFF

 D33FAC

 FF97FF

 B51A91

 FFB4FF

 980077

 FFD1FF

 7C005E

 FFE EFF

 600046

 45002F

 29001A

 000000

 F15DC7

 F15DC7

 F145C0

 F175CE

 F12DB9

 F18DD5

 F115B2

 F1A5DC

 F100AD

 F1BDE2

 F1D5E9

 F1EEF0

 F1FFF7

 F1FFFE

 F1FFFF

# Harmonies

## Analogous

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



AF7CFC



F15DC7



FF5087

# Triad

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



F15DC7



A39900



00B2E6

# Complementary

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



F15DC7



5DF187

# 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.



00B4A8



F15DC7



5CA922

# Square

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



F15DC7



D98204



00B164



00AAFF

# Rectangle

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



F15DC7



FF5B5D



00B164



00B3D3



# Sweetspot

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



F15DC7



FFD1F2



875DF1



806378



000000



808080



# Same Dimension

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



F15DC7



FF42C9



F15D7D



786C74



B80083



380028



# Inverse Universe

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



F15DC7



FF42C9



5DF1D1



786C74



B80083



380028



# Previews

## White Background



This preview shows how the Hex color F15DC7 looks on a white background.

## Color Contrast Check

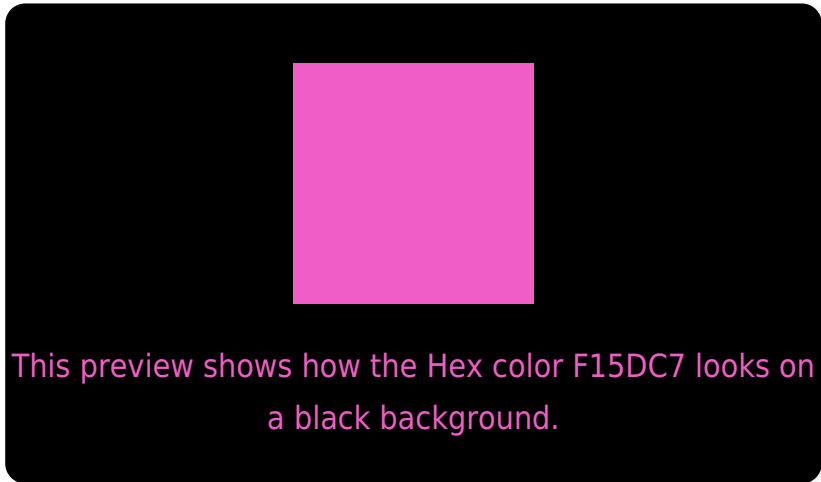
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex F15DC7 Background



This preview shows how black text looks on a background with the Hex color F15DC7.



This preview shows how white text looks on a background with the Hex color F15DC7.

# 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](#).

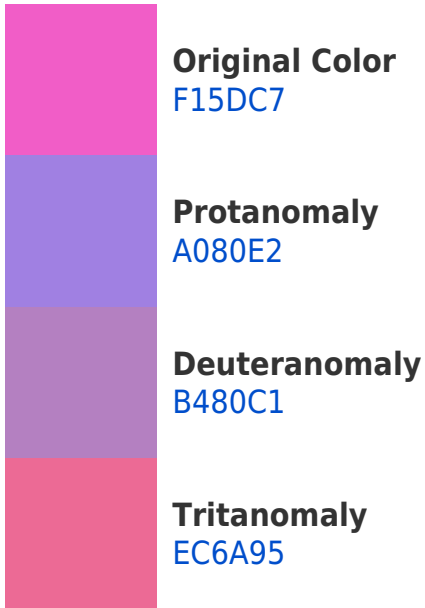
## Dichromacy



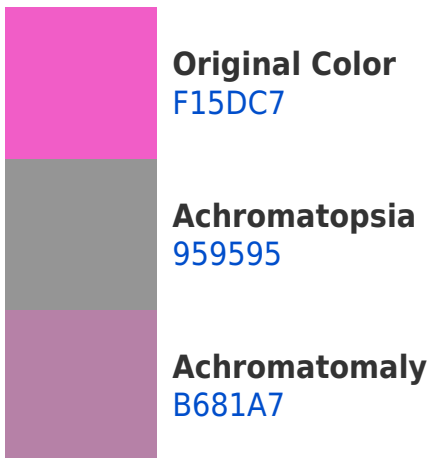


**Tritanopia**  
E97179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F15DC7 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 #F15DC7 looks like.

```
.text, #text, p{  
    color:#F15DC7  
}
```

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 #F15DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F15DC7
}
```

## Border

The CSS property to change the border of an element to Hex F15DC7 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
#F15DC7 }
```

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

```
.border{ border-color:#F15DC7 }
```

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

Here you see how a box with a 4 pixel #F15DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F15DC7; -webkit-box-shadow:4px 4px  
4px 4px #F15DC7; box-shadow:4px 4px 4px  
4px #F15DC7 }
```

# Background

The CSS property to change the background color of an element to Hex F15DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F15DC7 }
```

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

```
.background{ background-color:#F15DC7 }
```

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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