

# Converting Colors

Hex(F654D7)

Have a look what the booklet for  
Hex(F654D7) contains.

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**Color**

**Hex(F654D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F654D7
RGB	246, 84, 215
RGB Percent	96%, 33%, 84%
CMY	0.0353, 0.6706, 0.1569
CMYK	0.00, 0.66, 0.13, 0.04
HSL	311°, 90%, 65%
HSV	311°, 66%, 96%
XYZ	53.4421, 30.8398, 67.4259
YIQ	147.3720, 54.5010, 75.0850

# Conversions

## Conversions Part 2

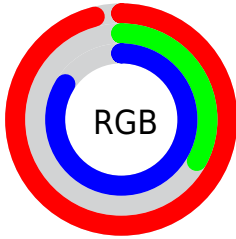
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 84, 215
Decimal	16143575
CIE Lab	62.37, 74.87, -35.35
CIE LCh	62, 82.798, 334.728
Yxy	30.8398, 0.3523, 0.2033
Android (android.graphics.Color)	4294333655 (0xFFFF654D7)
YUV	147.3720, 33.3406, 86.4968
Hunter-Lab	55.5336, 74.5937, -33.1133

# Details

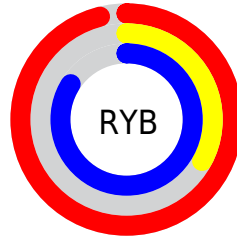
The Hex color **F654D7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **54F673**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF90FF**, and **BA00A0** is the 20% darker color. If you saturate the color by 10%, you get **F63BD2**, and if you desaturate by 10%, it is **F66DDC**.

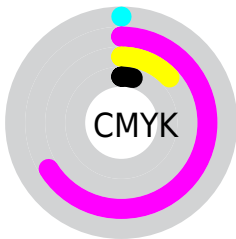
# Distribution



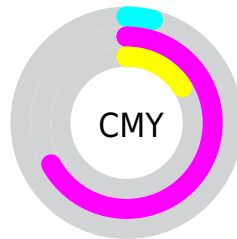
- Red (96%)
- Green (33%)
- Blue (84%)



- Red (96%)
- Yellow (33%)
- Blue (84%)



- Cyan (0%)
- Magenta (66%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F654D7 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 F654D7 by changing the saturation by 10% instead.



 F654D7

 F654D7

FFFFFF

 D833BB

 FF90FF

 BA00A0

 FFADFF

 9D0085

 FFCBFF

 80006C

 FFE9FF

 630053

 48003B

 2C0025

 00000C

 000000

 F654D7

 F654D7

 F63BD2

 F66DDC

 F623CE

 F685E0

 F60AC9

 F69EE5

 F600C7

 F6B6EA

 F6CFEF

 F6E8F3

 F6FFF8

 F6FFFD

 F6FFFF

# Harmonies

## Analogous

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



A27DFE



F654D7



FF3B8E

# Triad

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



F654D7



AB9800



00B6E9

# Complementary

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



F654D7



54F673

# 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.



00B7A1



F654D7



5DA900

# Square

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



F654D7



E67B00



00B354



00AFFF

# Rectangle

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



F654D7



FF485E



00B354



00B7D3



# Sweetspot

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



F654D7



FFCCF5



7254F6



80617A



000000



808080



# Same Dimension

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



F654D7



FF36D8



F65487



7A6E78



BA0097



3B002F



# Inverse Universe

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



F654D7



FF36D8



54F6C3



7A6E78



BA0097



3B002F



# Previews

## White Background



This preview shows how the Hex color F654D7 looks on a white background.

## Color Contrast Check

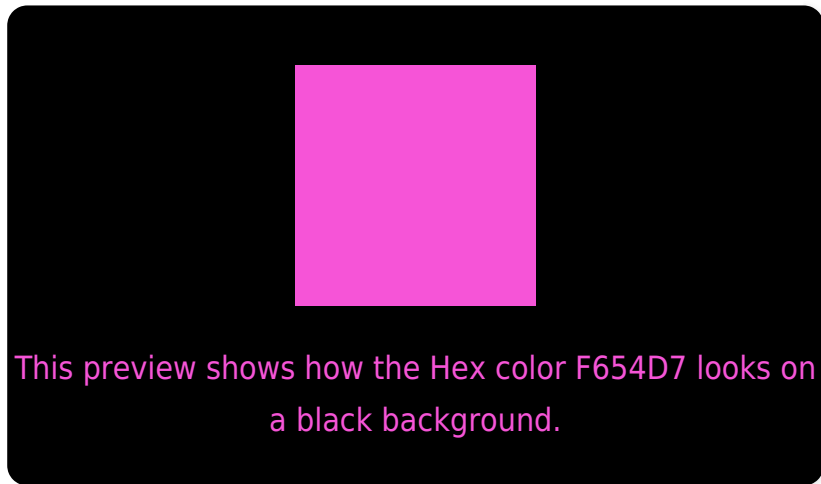
Large Text (above 18pt) WCAG AA × Fail

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 F654D7 Background



This preview shows how black text looks on a background with the Hex color F654D7.

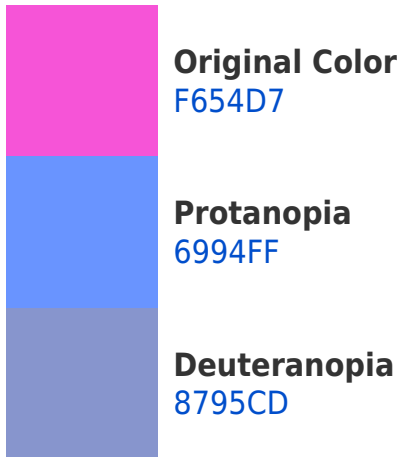


This preview shows how white text looks on a background with the Hex color F654D7.

# 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**  
F654D7



**Protanomaly**  
9C7DF0



**Deuteranomaly**  
AF7DD1



**Tritanomaly**  
F0659A

# Monochromacy



**Original Color**  
F654D7



**Achromatopsia**  
939393



**Achromatomaly**  
B77CAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F654D7 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 #F654D7 looks like.

```
.text, #text, p{  
    color:#F654D7  
}
```

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 #F654D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F654D7
}
```

## Border

The CSS property to change the border of an element to Hex F654D7 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
#F654D7 }
```

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

```
.border{ border-color:#F654D7 }
```

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

Here you see how a box with a 4 pixel #F654D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F654D7; -webkit-box-shadow:4px 4px  
4px 4px #F654D7; box-shadow:4px 4px 4px  
4px #F654D7 }
```

# Background

The CSS property to change the background color of an element to Hex F654D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F654D7 }
```

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

```
.background{ background-color:#F654D7 }
```

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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