

# Converting Colors

Hex(F650D7)

Have a look what the booklet for  
Hex(F650D7) contains.

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**Color**

**Hex(F650D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F650D7
RGB	246, 80, 215
RGB Percent	96%, 31%, 84%
CMY	0.0353, 0.6863, 0.1569
CMYK	0.00, 0.67, 0.13, 0.04
HSL	311°, 90%, 64%
HSV	311°, 67%, 96%
XYZ	53.1404, 30.2364, 67.3254
YIQ	145.0240, 55.6010, 77.1770

# Conversions

## Conversions Part 2

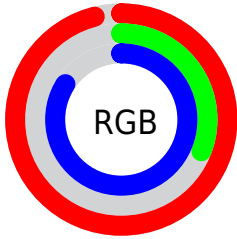
Format	Color
R <sub>YB</sub>	246, 80, 215
Decimal	16142551
CIE Lab	61.86, 76.31, -36.15
CIE LCh	62, 84.442, 334.653
Yxy	30.2364, 0.3526, 0.2006
Android (android.graphics.Color)	4294332631 (0xFFFF650D7)
YUV	145.0240, 34.4982, 88.5560
Hunter-Lab	54.9877, 76.2751, -34.1017

# Details

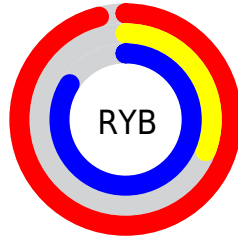
The Hex color **F650D7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **50F66F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF8CFF**, and **BA00A0** is the 20% darker color. If you saturate the color by 10%, you get **F637D2**, and if you desaturate by 10%, it is **F669DC**.

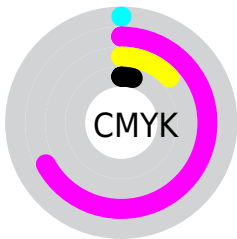
# Distribution



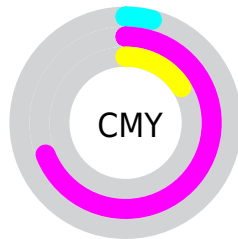
- Red (96%)
- Green (31%)
- Blue (84%)



- Red (96%)
- Yellow (31%)
- Blue (84%)



- Cyan (0%)
- Magenta (67%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (69%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F650D7 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 F650D7 by changing the saturation by 10% instead.



 F650D7

 F650D7

FFFFFF

 D82DBB

 FF8CFF

 BA00A0

 FFAAFF

 9C0085

 FFC8FF

 80006C

 FFE6FF

 630053

 48003B

 2B0025

 00000C

 000000

 F650D7

 F650D7

 F637D2

 F669DC

 F61FCE

 F681E0

 F606C9

 F69AE5

 F600C8

 F6B2E9

 F6CBEE

 F6E4F3

 F6FCF7

 F6FFFC

 F6FFFF

# Harmonies

## Analogous

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



A07BFF



F650D7



FF348D

# Triad

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



F650D7



AA9600



00B5E9

# Complementary

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



F650D7



50F66F

# 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.



00B69F



F650D7



5AA800

# Square

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



F650D7



E67900



00B251



00AEFF

# Rectangle

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



F650D7



FF435C



00B251



00B6D2



# Sweetspot

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



F650D7



FFCCF5



6E50F6



80617A



000000



808080



# Same Dimension

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



F650D7



FF30D8



F65085



7A6E78



BA0097



3B0030



# Inverse Universe

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



F650D7



FF30D8



50F6C1



7A6E78



BA0097



3B0030



# Previews

## White Background



This preview shows how the Hex color F650D7 looks on a white background.

## Color Contrast Check

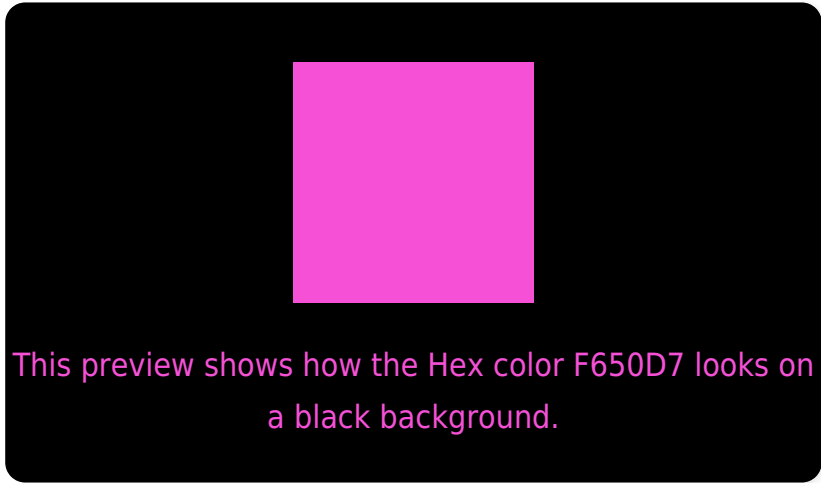
Large Text (above 18pt) WCAG AA × Fail

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 F650D7 Background



This preview shows how black text looks on a background with the Hex color F650D7.




This preview shows how white text looks on a background with the Hex color F650D7.

# 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](#).

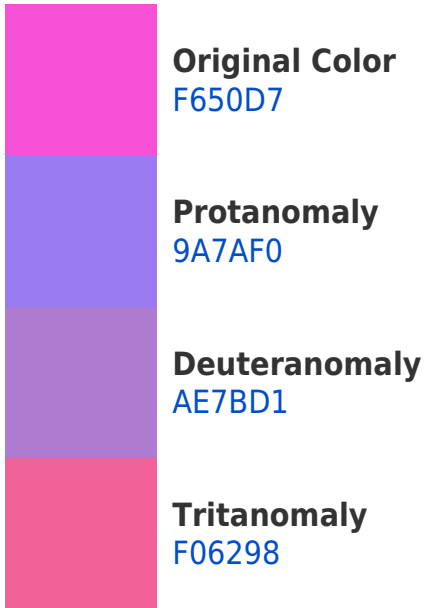
## Dichromacy





**Tritanopia**  
EC6D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F650D7 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 #F650D7 looks like.

```
.text, #text, p{  
    color:#F650D7  
}
```

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 #F650D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F650D7
}
```

## Border

The CSS property to change the border of an element to Hex F650D7 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
#F650D7 }
```

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

```
.border{ border-color:#F650D7 }
```

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

Here you see how a box with a 4 pixel #F650D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F650D7; -webkit-box-shadow:4px 4px  
4px 4px #F650D7; box-shadow:4px 4px 4px  
4px #F650D7 }
```

# Background

The CSS property to change the background color of an element to Hex F650D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F650D7 }
```

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

```
.background{ background-color:#F650D7 }
```

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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