

# Converting Colors

Hex(EC65CD)

Have a look what the booklet for  
Hex(EC65CD) contains.

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# **Color**

**Hex(EC65CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC65CD
RGB	236, 101, 205
RGB Percent	93%, 40%, 80%
CMY	0.0745, 0.6039, 0.1961
CMYK	0.00, 0.57, 0.13, 0.07
HSL	314°, 78%, 66%
HSV	314°, 57%, 93%
XYZ	50.2652, 31.5480, 61.1977
YIQ	153.2210, 47.0760, 60.9640

# Conversions

## Conversions Part 2

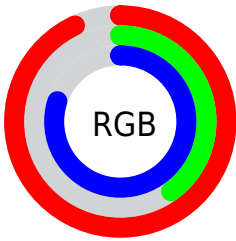
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 101, 205
Decimal	15492557
CIE Lab	62.97, 63.96, -28.90
CIE LCh	63, 70.189, 335.684
Yxy	31.5480, 0.3515, 0.2206
Android (android.graphics.Color)	4293682637 (0xFFEC65CD)
YUV	153.2210, 25.5270, 72.5972
Hunter-Lab	56.1676, 61.4489, -25.2824

# Details

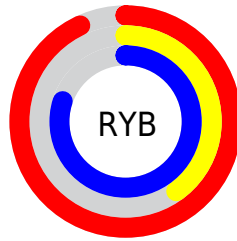
The Hex color **EC65CD** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65EC84**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF9EFF**, and **B12996** is the 20% darker color. If you saturate the color by 10%, you get **EC4DC8**, and if you desaturate by 10%, it is **EC7DD2**.

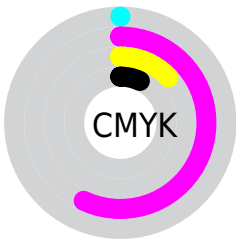
# Distribution



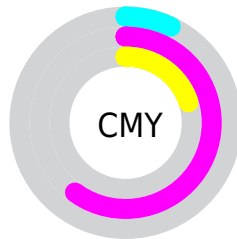
- Red (93%)
- Green (40%)
- Blue (80%)



- Red (93%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (57%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC65CD 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 EC65CD by changing the saturation by 10% instead.



 EC65CD

 EC65CD

FFFFFF

 CE48B1

 FF9EFF

 B12996

 FFBAFF

 94007C

 FFD7FF

 780063

 FFF5FF

 5D004B

 430034

 27001E

 000000

 EC65CD

 EC65CD

 EC4DC8

 EC7DD2

 EC36C2

 EC94D8

 EC1EBD

 ECACDD

 EC07B7

 ECC3E3

 EC00B6

 ECDBE8

 ECF3EE

 ECFFF3

 ECFFF8

 ECFFFE

# Harmonies

## Analogous

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



A882FF



EC65CD



FF578F

# Triad

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



EC65CD



AB9900



00B4E0

# Complementary

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



EC65CD



65EC84

# 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.



00B5A3



EC65CD



6AA925

# Square

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



EC65CD



DE821B



00B262



00ACFF

# Rectangle

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



EC65CD



FF5F66



00B262



00B5CD



# Sweetspot

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



EC65CD



FFD4F5



8265EC



80667A



000000



808080



# Same Dimension

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



EC65CD



FF4FD7



EC658B



756A73



B5008B



360029



# Inverse Universe

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



EC65CD



FF4FD7



65ECC6



756A73



B5008B

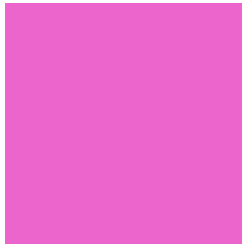


360029



# Previews

## White Background



This preview shows how the Hex color EC65CD 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

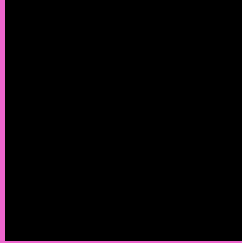
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EC65CD Background



This preview shows how black text looks on a background with the Hex color EC65CD.

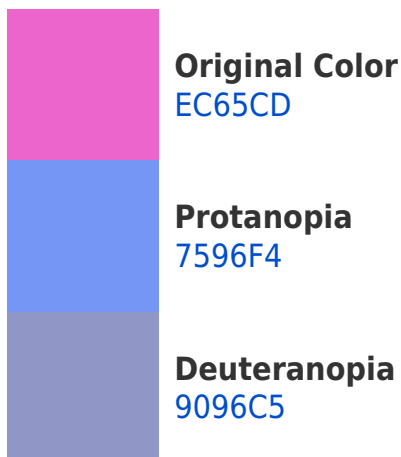


This preview shows how white text looks on a background with the Hex color EC65CD.

# 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**  
E47880

# Trichromacy



**Original Color**  
EC65CD



**Protanomaly**  
A084E6



**Deuteranomaly**  
B184C8



**Tritanomaly**  
E7719C

# Monochromacy



**Original Color**  
EC65CD



**Achromatopsia**  
999999



**Achromatomaly**  
B786AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC65CD 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 #EC65CD looks like.

```
.text, #text, p{  
  color:#EC65CD  
}
```

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 #EC65CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC65CD
}
```

## Border

The CSS property to change the border of an element to Hex EC65CD 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
#EC65CD }
```

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

```
.border{ border-color:#EC65CD }
```

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

Here you see how a box with a 4 pixel #EC65CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC65CD; -webkit-box-shadow:4px 4px  
4px 4px #EC65CD; box-shadow:4px 4px 4px  
4px #EC65CD }
```

# Background

The CSS property to change the background color of an element to Hex EC65CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC65CD }
```

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

```
.background{ background-color:#EC65CD }
```

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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