

# Converting Colors

Hex(EC6CC3)

Have a look what the booklet for  
Hex(EC6CC3) contains.

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# Color

Hex(**EC6CC3**)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EC6CC3                     |
| RGB         | 236, 108, 195              |
| RGB Percent | 93%, 42%, 76%              |
| CMY         | 0.0745, 0.5765, 0.2353     |
| CMYK        | 0.00, 0.54, 0.17, 0.07     |
| HSL         | 319°, 77%, 67%             |
| HSV         | 319°, 54%, 93%             |
| XYZ         | 49.8050, 32.4981, 55.2775  |
| YIQ         | 156.1900, 48.3610, 54.1930 |

# Conversions

## Conversions Part 2

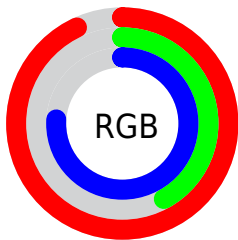
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 236, 108, 195                 |
| Decimal                             | 15494339                      |
| CIE <sub>Lab</sub>                  | 63.75, 59.34, -22.04          |
| CIE <sub>LCh</sub>                  | 64, 63.303, 339.621           |
| Y <sub>xy</sub>                     | 32.4981, 0.3620,<br>0.2362    |
| Android<br>(android.graphics.Color) | 4293684419<br>(0xFFEC6CC3)    |
| YUV                                 | 156.1900, 19.1333,<br>69.9934 |
| Hunter-Lab                          | 57.0071, 56.1862,<br>-17.5861 |

# Details

The Hex color **EC6CC3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6CEC95**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA4FC**, and **B1338D** is the 20% darker color. If you saturate the color by 10%, you get **EC54BB**, and if you desaturate by 10%, it is **EC84CB**.

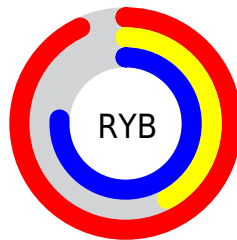
# Distribution



Red (93%)

Green (42%)

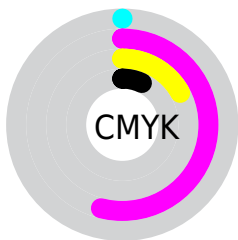
Blue (76%)



Red (93%)

Yellow (42%)

Blue (76%)

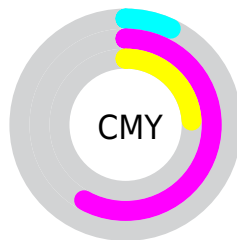


Cyan (0%)

Magenta (54%)

Yellow (17%)

Black (7%)



Cyan (7%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC6CC3 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 EC6CC3 by changing the saturation by 10% instead.



 EC6CC3

 EC6CC3

FFFFFF

 CE50A8

 FFA4FC

 B1338D

 FFC0FF

 950D73

 FFDEFF

 79005B

 FFFBFF

 5D0043

 43002D

 290017

 000000

 EC6CC3

 EC6CC3

 EC54BB

 EC84CB

 EC3DB4

 EC9BD2

 EC25AC

 ECB3DA

 EC0EA5

 ECCAE1

 EC00A0

 ECE2E9

 ECFAF0

 ECFFF8

 ECFFFF

# Harmonies

## Analogous

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



B483F2



EC6CC3



FF648B

# Triad

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



EC6CC3



A69D1A



00B3E1

# Complementary

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



EC6CC3



6CEC95

# 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.



00B5AC



EC6CC3



69AB3D

# Square

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



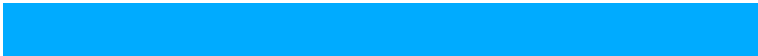
EC6CC3



D6892A



00B371



00ABFF

# Rectangle

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



EC6CC3



FD6C66



00B371



00B5D1



# Sweetspot

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



EC6CC3



FFD6F2



956CEC



806778



000000



808080



# Same Dimension

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



EC6CC3



FF59CA



EC6C83



756A72



B5007B



360024



# Inverse Universe

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



EC6CC3



FF59CA



6CECD5



756A72



B5007B



360024



# Previews

## White Background



This preview shows how the Hex color EC6CC3 looks on a white background.

## Color Contrast Check

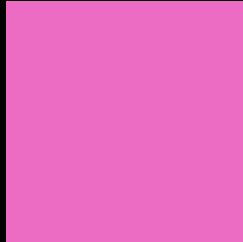
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color EC6CC3 looks on a 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 EC6CC3 Background



This preview shows how black text looks on a background with the Hex color EC6CC3.




This preview shows how white text looks on a background with the Hex color EC6CC3.

# 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**  
E67A83

# Trichromacy



**Original Color**  
EC6CC3



**Protanomaly**  
A888D8



**Deuteranomaly**  
B787BF

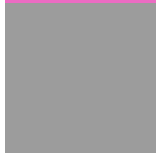


**Tritanomaly**  
E8759A

# Monochromacy



**Original Color**  
EC6CC3



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
B98BAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC6CC3 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 #EC6CC3 looks like.

```
.text, #text, p{  
    color:#EC6CC3  
}
```

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 #EC6CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6CC3
}
```

## Border

The CSS property to change the border of an element to Hex EC6CC3 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
#EC6CC3 }
```

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

```
.border{ border-color:#EC6CC3 }
```

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

Here you see how a box with a 4 pixel #EC6CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6CC3; -webkit-box-shadow:4px 4px  
4px 4px #EC6CC3; box-shadow:4px 4px 4px  
4px #EC6CC3 }
```

# Background

The CSS property to change the background color of an element to Hex EC6CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6CC3 }
```

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

```
.background{ background-color:#EC6CC3 }
```

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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