

# Converting Colors

Hex(EC6ED8)

Have a look what the booklet for  
Hex(EC6ED8) contains.

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# Color

**Hex(EC6ED8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC6ED8
RGB	236, 110, 216
RGB Percent	93%, 43%, 85%
CMY	0.0745, 0.5686, 0.1529
CMYK	0.00, 0.53, 0.08, 0.07
HSL	310°, 77%, 68%
HSV	310°, 53%, 93%
XYZ	52.5627, 33.9426, 68.7470
YIQ	159.7580, 41.0700, 59.6780

# Conversions

## Conversions Part 2

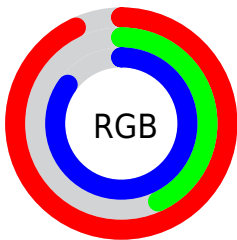
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 110, 216
Decimal	15494872
CIE Lab	64.92, 61.63, -32.07
CIE LCh	65, 69.471, 332.512
Yxy	33.9426, 0.3386, 0.2186
Android (android.graphics.Color)	4293684952 (0xFFEC6ED8)
YUV	159.7580, 27.7273, 66.8642
Hunter-Lab	58.2603, 59.0880, -29.1798

# Details

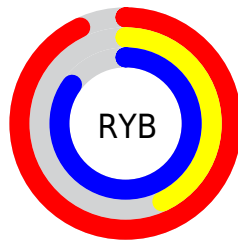
The Hex color **EC6ED8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6EEC82**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA6FF**, and **B135A1** is the 20% darker color. If you saturate the color by 10%, you get **EC56D4**, and if you desaturate by 10%, it is **EC86DC**.

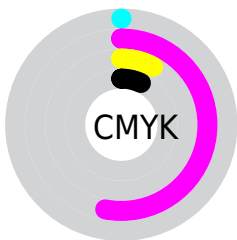
# Distribution



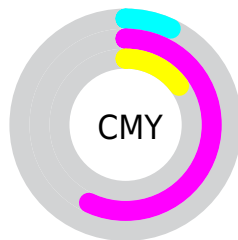
- Red (93%)
- Green (43%)
- Blue (85%)



- Red (93%)
- Yellow (43%)
- Blue (85%)



- Cyan (0%)
- Magenta (53%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (57%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC6ED8 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 EC6ED8 by changing the saturation by 10% instead.



 EC6ED8

 EC6ED8

FFFFFF

 CE52BC

 FFA6FF

 B135A1

 FFC3FF

 950F86

 FFE0FF

 79006D

 FFFDFF

 5E0054

 43003C

 2A0026

 00010E

 000000

 EC6ED8

 EC6ED8

 EC56D4

 EC86DC

 EC3FD1

 EC9DDF

 EC27CD

 ECB5E3

 EC10C9

 ECCCE7

 EC00C7

 ECE4EB

 ECFCEE

 ECFFF2

 ECFFF6

 ECFFFA

# Harmonies

## Analogous

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



A48BFF



EC6ED8



FF5E9B

# Triad

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



EC6ED8



B79C00



00B9DF

# Complementary

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



EC6ED8



6EEC82

# 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.



00BAA1



EC6ED8



78AD26

# Square

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



EC6ED8



E88429



00B661



00B3FF

# Rectangle

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



EC6ED8



FF6372



00B661



00BACB



# Sweetspot

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



EC6ED8



FFD6F9



816EEC



80677C



000000



808080



# Same Dimension

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



EC6ED8



FF5CE5



EC6E9A



756A73



B50098



36002D



# Inverse Universe

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



EC6ED8



FF5CE5



6EECC0



756A73



B50098



36002D



# Previews

## White Background



This preview shows how the Hex color EC6ED8 looks on a white background.

## Color Contrast Check

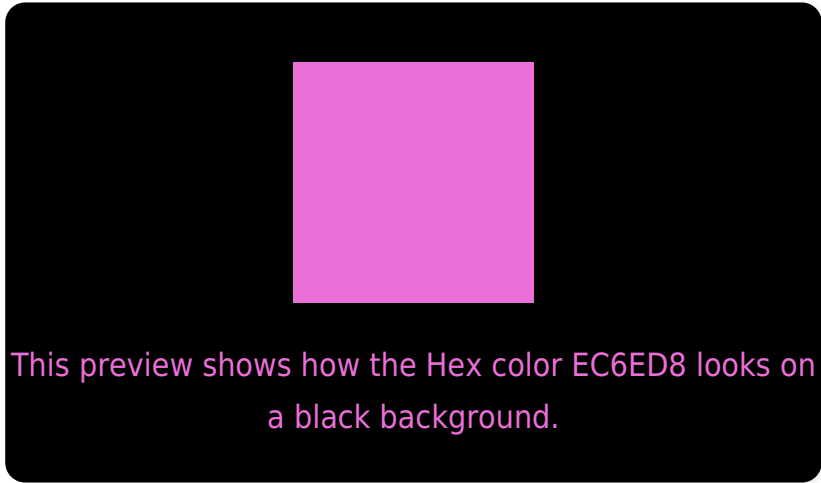
Large Text (above 18pt) WCAG AA × Fail

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 EC6ED8 Background



This preview shows how black text looks on a background with the Hex color EC6ED8.

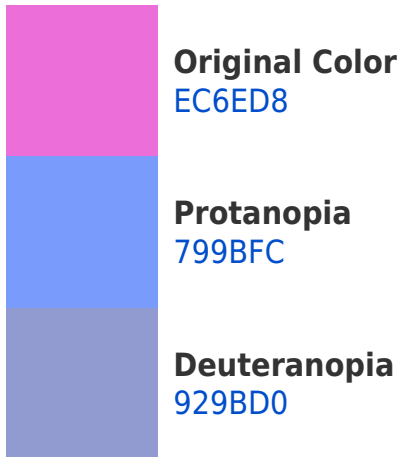


This preview shows how white text looks on a background with the Hex color EC6ED8.

# 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**  
E3818A

# Trichromacy



**Original Color**  
EC6ED8



**Protanomaly**  
A38BEF



**Deuteranomaly**  
B38BD3



**Tritanomaly**  
E67AA6

# Monochromacy



**Original Color**  
EC6ED8



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
BC8EB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC6ED8 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 #EC6ED8 looks like.

```
.text, #text, p{  
    color:#EC6ED8  
}
```

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 #EC6ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6ED8 }  
}
```

## Border

The CSS property to change the border of an element to Hex EC6ED8 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 #EC6ED8 }  
}
```

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

```
.border{ border-color:#EC6ED8 }
```

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

Here you see how a box with a 4 pixel #EC6ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6ED8; -webkit-box-shadow:4px 4px  
4px 4px #EC6ED8; box-shadow:4px 4px 4px  
4px #EC6ED8 }
```

# Background

The CSS property to change the background color of an element to Hex EC6ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6ED8 }
```

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

```
.background{ background-color:#EC6ED8 }
```

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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