

Converting Colors

Hex(EC6ECC)

Have a look what the booklet for
Hex(EC6ECC) contains.

Hex(EC6ECC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**EC6ECC**)

Conversions

Conversions Part 1

Format	Color
Hex	EC6ECC
RGB	236, 110, 204
RGB Percent	93%, 43%, 80%
CMY	0.0745, 0.5686, 0.2000
CMYK	0.00, 0.53, 0.14, 0.07
HSL	315°, 77%, 68%
HSV	315°, 53%, 93%
XYZ	51.0671, 33.3444, 60.8713
YIQ	158.3900, 44.9220, 55.9460

Conversions

Conversions Part 2

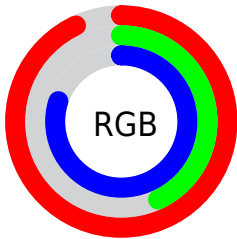
Format	Color
R _Y B	236, 110, 204
Decimal	15494860
CIE Lab	64.44, 59.76, -26.07
CIE LCh	64, 65.199, 336.430
Yxy	33.3444, 0.3515, 0.2295
Android (android.graphics.Color)	4293684940 (0xFFEC6ECC)
YUV	158.3900, 22.4857, 68.0640
Hunter-Lab	57.7446, 56.8055, -22.0792

Details

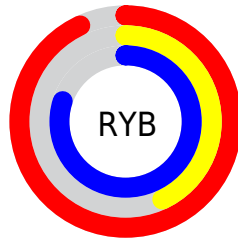
The Hex color **EC6ECC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6EEC8E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA6FF**, and **B13596** is the 20% darker color. If you saturate the color by 10%, you get **EC56C6**, and if you desaturate by 10%, it is **EC86D2**.

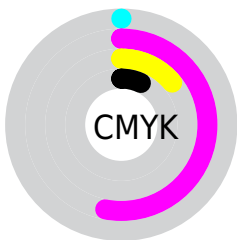
Distribution



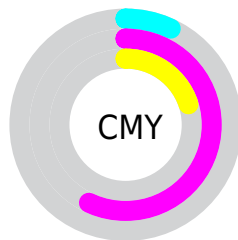
- Red (93%)
- Green (43%)
- Blue (80%)



- Red (93%)
- Yellow (43%)
- Blue (80%)



- Cyan (0%)
- Magenta (53%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC6ECC 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 EC6ECC by changing the saturation by 10% instead.

 EC6ECC

 EC6ECC

FFFFFF

 CE52B0

 FFA6FF

 B13596

 FFC3FF

 95117C

 FFE0FF

 790062

 FFFDFF

 5E004A

 430033

 29001E

 000000

 EC6ECC

 EC6ECC

 EC56C6

 EC86D2

 EC3FC0

 EC9DD8

 EC27BA

 ECB5DE

 EC10B4

 ECCCE4

 EC00B0

 ECE4EA

 ECFCF0

 ECFFF6

 ECFFFC

 ECFFFF

Harmonies

Analogous

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



AE87FB



EC6ECC



FF6392

Triad

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



EC6ECC



AE9E13



00B6E0

Complementary

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



EC6ECC



6EEC8E

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.



00B8A8



EC6ECC



71AC36

Square

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



EC6ECC



DE882B



00B56B



00AFFF

Rectangle

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



EC6ECC



FF6A6C



00B56B



00B7CF

Sweetspot

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



EC6ECC



FFD6F5



8D6EEC



806779



000000



808080

Same Dimension

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



EC6ECC



FF5CD6



EC6E8D



756A72



B50087



360028

Inverse Universe

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



EC6ECC



FF5CD6



6EECCC



756A72



B50087



360028

Previews

White Background



This preview shows how the Hex color EC6ECC looks on a white background.

Color Contrast Check

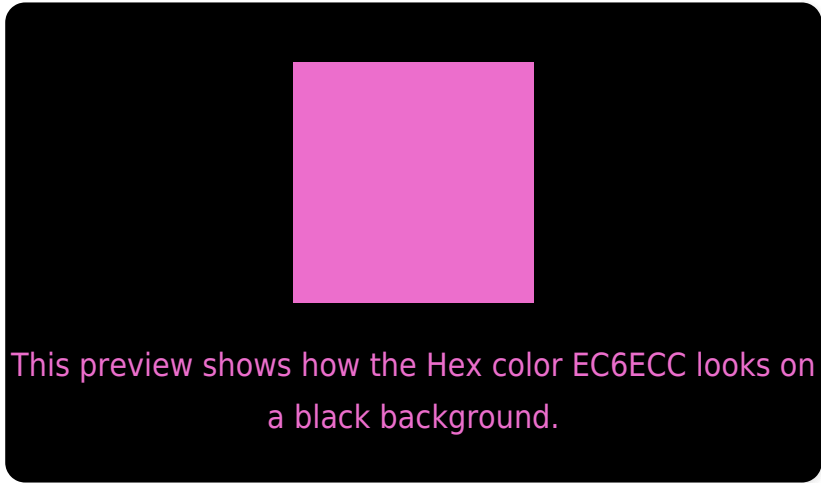
Large Text (above 18pt) WCAG AA × Fail

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 EC6ECC Background



This preview shows how black text looks on a background with the Hex color EC6ECC.

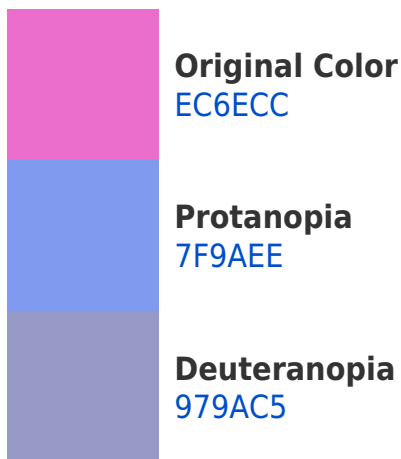


This preview shows how white text looks on a background with the Hex color EC6ECC.

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
E57E87

Trichromacy



Original Color
EC6ECC



Protanomaly
A78AE2



Deuteranomaly
B68AC8

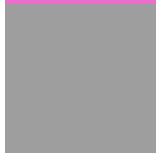


Tritanomaly
E878A0

Monochromacy



Original Color
EC6ECC



Achromatopsia
9E9E9E



Achromatomaly
BA8DAF

CSS Examples

Text

The CSS property to change the color of the text to Hex EC6ECC 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 #EC6ECC looks like.

```
.text, #text, p{  
    color:#EC6ECC  
}
```

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 #EC6ECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6ECC
}
```

Border

The CSS property to change the border of an element to Hex EC6ECC 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
#EC6ECC }
```

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

```
.border{ border-color:#EC6ECC }
```

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

Here you see how a box with a 4 pixel #EC6ECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6ECC; -webkit-box-shadow:4px 4px  
4px 4px #EC6ECC; box-shadow:4px 4px 4px  
4px #EC6ECC }
```

Background

The CSS property to change the background color of an element to Hex EC6ECC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6ECC }
```

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

```
.background{ background-color:#EC6ECC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor