

Converting Colors

Hex(EC6CEA)

Have a look what the booklet for
Hex(EC6CEA) contains.

| | |
|--|----|
| Hex(EC6CEA) | 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(EC6CEA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC6CEA |
| RGB | 236, 108, 234 |
| RGB Percent | 93%, 42%, 92% |
| CMY | 0.0745, 0.5765, 0.0824 |
| CMYK | 0.00, 0.54, 0.01, 0.07 |
| HSL | 301°, 77%, 67% |
| HSV | 301°, 54%, 93% |
| XYZ | 54.8059, 34.4985, 81.6122 |
| YIQ | 160.6360, 35.8420, 66.3220 |

Conversions

Conversions Part 2

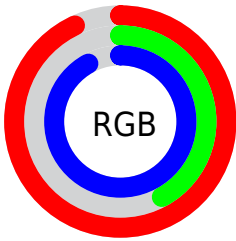
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 108, 234 |
| Decimal | 15494378 |
| CIE _{Lab} | 65.36, 65.49, -41.41 |
| CIE _{LCh} | 65, 77.483, 327.698 |
| Y _{xy} | 34.4985, 0.3207, 0.2018 |
| Android (android.graphics.Color) | 4293684458 (0xFFEC6CEA) |
| YUV | 160.6360, 36.1685, 66.0942 |
| Hunter-Lab | 58.7354, 63.7710, -41.2680 |

Details

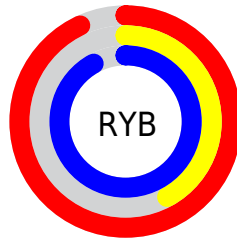
The Hex color **EC6CEA** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6CEC6E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFA5FF**, and **B131B2** is the 20% darker color. If you saturate the color by 10%, you get **EC54EA**, and if you desaturate by 10%, it is **EC84EA**.

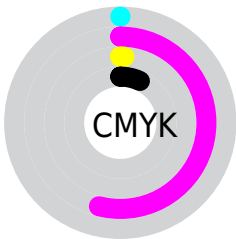
Distribution



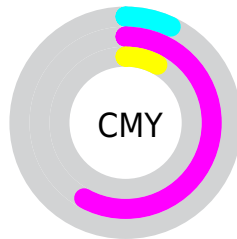
- Red (93%)
- Green (42%)
- Blue (92%)



- Red (93%)
- Yellow (42%)
- Blue (92%)



- Cyan (0%)
- Magenta (54%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC6CEA 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 EC6CEA by changing the saturation by 10% instead.

 EC6CEA

 EC6CEA

FFFFFF

 CE50CE

 FFA5FF

 B131B2

 FFC1FF

 950497

 FFDFFF

 79007C

 FFFCFF

 5D0063

 42004A

 280033

 00001D

 000000

 EC6CEA

 EC6CEA

 EC54EA

 EC84EA

 EC3DE9

 EC9BEB

 EC25E9

 ECB3EB

 EC0EE9

 ECCAEB

 EC00E8

 ECE2EC

 ECFAEC

 ECFFED

Harmonies

Analogous

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



8F8FFF



EC6CEA



FF53A7

Triad

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



EC6CEA



C39A00



00BEDE

Complementary

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



EC6CEA



6CEC6E

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.



00BD97



EC6CEA



7FAD00

Square

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



EC6CEA



F77D21



00B84F



00B8FF

Rectangle

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



EC6CEA



FF5679



00B84F



00BEC7

Sweetspot

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



EC6CEA



FFD6FE



6C6CEC



80677F



000000



808080

Same Dimension

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



EC6CEA



FF59FC



EC6CAC



756A75



B500B2



360035

Inverse Universe

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



EC6CEA



FF59FC



6CECAC



756A75



B500B2



360035

Previews

White Background



This preview shows how the Hex color EC6CEA looks on a white background.

Color Contrast Check

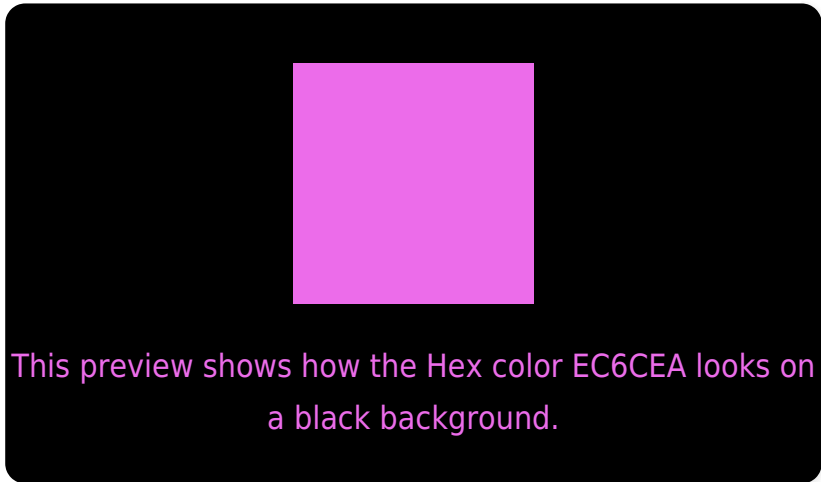
Large Text (above 18pt) WCAG AA × Fail

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 EC6CEA Background



This preview shows how black text looks on a background with the Hex color EC6CEA.

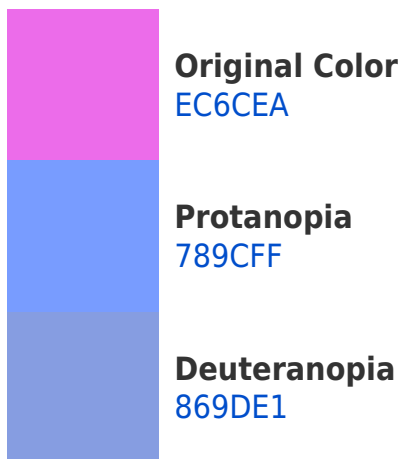


This preview shows how white text looks on a background with the Hex color EC6CEA.

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
E1848D

Trichromacy



Original Color
EC6CEA



Protanomaly
A28BF7



Deuteranomaly
AB8BE4



Tritanomaly
E57BAF

Monochromacy



Original Color
EC6CEA



Achromatopsia
A1A1A1



Achromatomaly
BC8EBC

CSS Examples

Text

The CSS property to change the color of the text to Hex EC6CEA 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 #EC6CEA looks like.

```
.text, #text, p{  
    color:#EC6CEA  
}
```

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 #EC6CEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6CEA
}
```

Border

The CSS property to change the border of an element to Hex EC6CEA 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
#EC6CEA }
```

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

```
.border{ border-color:#EC6CEA }
```

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

Here you see how a box with a 4 pixel #EC6CEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6CEA; -webkit-box-shadow:4px 4px  
4px 4px #EC6CEA; box-shadow:4px 4px 4px  
4px #EC6CEA }
```

Background

The CSS property to change the background color of an element to Hex EC6CEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6CEA }
```

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

```
.background{ background-color:#EC6CEA }
```

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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