

Converting Colors

Hex(EC5CA8)

Have a look what the booklet for
Hex(EC5CA8) contains.

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Color

Hex(EC5CA8)

Conversions

Conversions Part 1

Format	Color
Hex	EC5CA8
RGB	236, 92, 168
RGB Percent	93%, 36%, 66%
CMY	0.0745, 0.6392, 0.3412
CMYK	0.00, 0.61, 0.29, 0.07
HSL	328°, 79%, 64%
HSV	328°, 61%, 93%
XYZ	45.4871, 28.3143, 40.1136
YIQ	143.7200, 61.4280, 54.1640

Conversions

Conversions Part 2

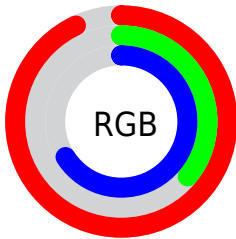
Format	Color
R _Y B	236, 92, 168
Decimal	15490216
CIE Lab	60.17, 62.77, -12.04
CIE LCh	60, 63.918, 349.138
Yxy	28.3143, 0.3993, 0.2486
Android (android.graphics.Color)	4293680296 (0xFFEC5CA8)
YUV	143.7200, 11.9700, 80.9296
Hunter-Lab	53.2112, 59.4695, -7.4483

Details

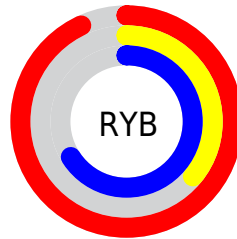
The Hex color **EC5CA8** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5CECA0**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF95DF**, and **B01C74** is the 20% darker color. If you saturate the color by 10%, you get **EC449D**, and if you desaturate by 10%, it is **EC74B3**.

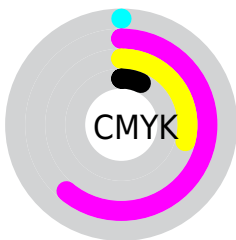
Distribution



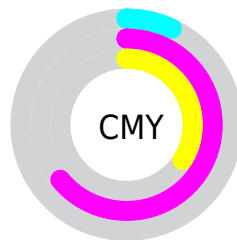
- Red (93%)
- Green (36%)
- Blue (66%)



- Red (93%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (61%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC5CA8 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 EC5CA8 by changing the saturation by 10% instead.

 EC5CA8

 EC5CA8

FFFFFF

 CE3F8E

 FF95DF

 B01C74

 FFB1FC

 93005B

 FFCEFF

 770044

 FFECFF

 5A002E

 41001A

 220001

 000000

 EC5CA8

 EC5CA8

 EC449D

 EC74B3

 EC2D92

 EC8BBE

 EC1587

 ECA3C9

 EC007D

 ECBAD5

 ECD2E0

 ECEAEB

 ECFFF6

 ECFFFF

Harmonies

Analogous

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



C072DB



EC5CA8



F65C70

Triad

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



EC5CA8



8A9912



00A8E5

Complementary

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



EC5CA8



5CECA0

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.



00ABB4



EC5CA8



43A442

Square

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



EC5CA8



BE8710



00AA7A



009DFF

Rectangle

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



EC5CA8



ED684D



00AA7A



00AAD7

Sweetspot

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



EC5CA8



FFD1E9



9F5CEC



806372



000000



808080

Same Dimension

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



EC5CA8



FF45A7



EC5C61



756A70



B50060



36001C

Inverse Universe

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



EC5CA8



FF45A7



5CECE7



756A70



B50060



36001C

Previews

White Background



This preview shows how the Hex color EC5CA8 looks on a white background.

Color Contrast Check

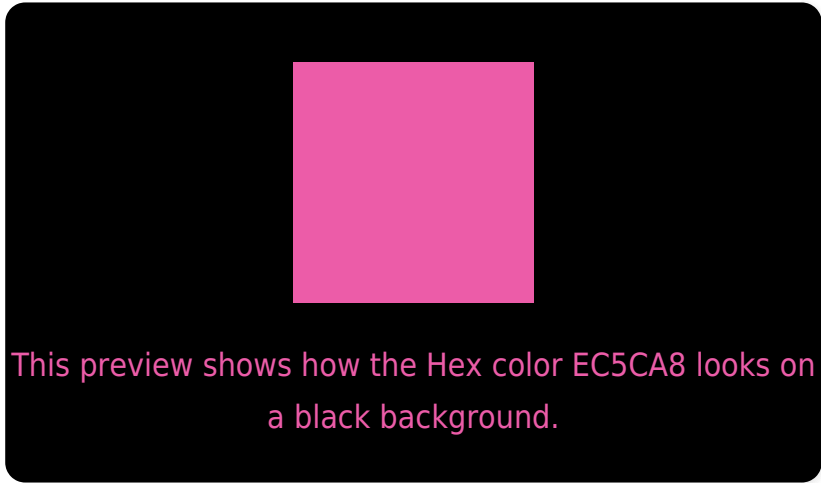
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex EC5CA8 Background



This preview shows how black text looks on a background with the Hex color EC5CA8.

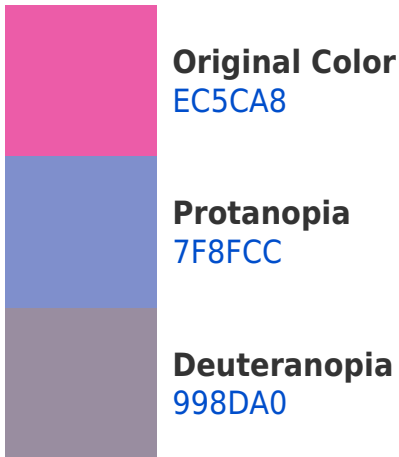


This preview shows how white text looks on a background with the Hex color EC5CA8.

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
E76970

Trichromacy



Original Color
EC5CA8



Protanomaly
A77CBF



Deuteranomaly
B77BA3



Tritanomaly
E96484

Monochromacy



Original Color
EC5CA8



Achromatopsia
909090



Achromatomaly
B17D99

CSS Examples

Text

The CSS property to change the color of the text to Hex EC5CA8 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 #EC5CA8 looks like.

```
.text, #text, p{  
    color:#EC5CA8  
}
```

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 #EC5CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5CA8
}
```

Border

The CSS property to change the border of an element to Hex EC5CA8 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
#EC5CA8 }
```

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

```
.border{ border-color:#EC5CA8 }
```

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

Here you see how a box with a 4 pixel #EC5CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5CA8; -webkit-box-shadow:4px 4px  
4px 4px #EC5CA8; box-shadow:4px 4px 4px  
4px #EC5CA8 }
```

Background

The CSS property to change the background color of an element to Hex EC5CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5CA8 }
```

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

```
.background{ background-color:#EC5CA8 }
```

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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