

Converting Colors

Hex(EC5EB2)

Have a look what the booklet for
Hex(5EB2) contains.

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Color

Hex(EC5EB2)

Conversions

Conversions Part 1

Format	Color
Hex	EC5EB2
RGB	236, 94, 178
RGB Percent	93%, 37%, 70%
CMY	0.0745, 0.6314, 0.3020
CMYK	0.00, 0.60, 0.25, 0.07
HSL	325°, 79%, 65%
HSV	325°, 60%, 93%
XYZ	46.6307, 29.0526, 45.2695
YIQ	146.0340, 57.6680, 56.2280

Conversions

Conversions Part 2

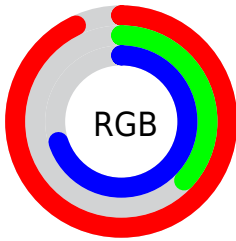
Format	Color
R_{YB}	236, 94, 178
Decimal	15490738
CIE _{Lab}	60.83, 63.19, -16.81
CIE _{LCh}	61, 65.391, 345.104
Yxy	29.0526, 0.3855, 0.2402
Android (android.graphics.Color)	4293680818 (0xFFEC5EB2)
YUV	146.0340, 15.7592, 78.9002
Hunter-Lab	53.9005, 60.0989, -12.0656

Details

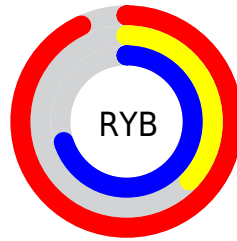
The Hex color **EC5EB2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5EEC98**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF97EA**, and **B11F7D** is the 20% darker color. If you saturate the color by 10%, you get **EC46A8**, and if you desaturate by 10%, it is **EC76BC**.

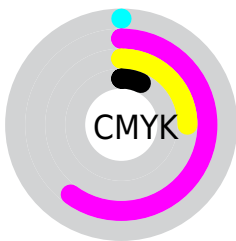
Distribution



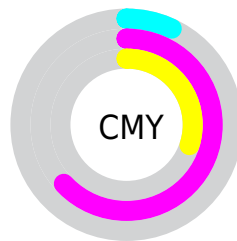
- Red (93%)
- Green (37%)
- Blue (70%)



- Red (93%)
- Yellow (37%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC5EB2 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 EC5EB2 by changing the saturation by 10% instead.

 EC5EB2

 EC5EB2

FFFFFF

 CE4197

 FF97EA

 B11F7D

 FFB3FF

 940064

 FFD0FF

 77004C

 FFE0FF

 5B0035

 420020

 250003

 000000

 EC5EB2

 EC5EB2

 EC46A8

 EC76BC

 EC2F9F

 EC8DC5

 EC1795

 ECA5CF

 EC008C

 ECBBCD9

 ECD4E2

 ECECEC

 ECFFF5

 ECFFFF

Harmonies

Analogous

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



BA76E5



EC5EB2



FA5A78

Triad

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



EC5EB2



949906



00ABE4

Complementary

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



EC5EB2



5EEC98

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.



00AEAF



EC5EB2



4FA53A

Square

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



EC5EB2



C78513



00AC73



00A1FF

Rectangle

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



EC5EB2



F36554



00AC73



00ACD4

Sweetspot

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



EC5EB2



FFD1EC



975EEC



806374



000000



808080

Same Dimension

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



EC5EB2



FF47B4



EC5E6C



756A71



B5006B



360020

Inverse Universe

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



EC5EB2



FF47B4



5EECDE



756A71



B5006B



360020

Previews

White Background



This preview shows how the Hex color EC5EB2 looks on a white background.

Color Contrast Check

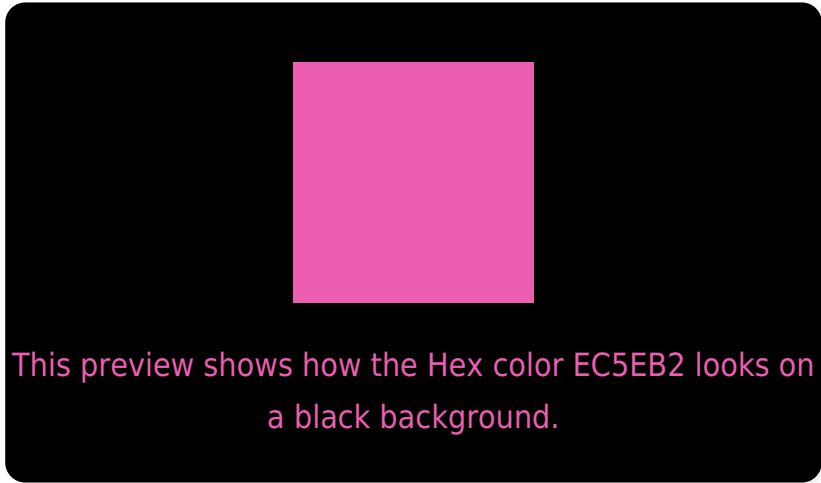
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC5EB2 Background



This preview shows how black text looks on a background with the Hex color EC5EB2.

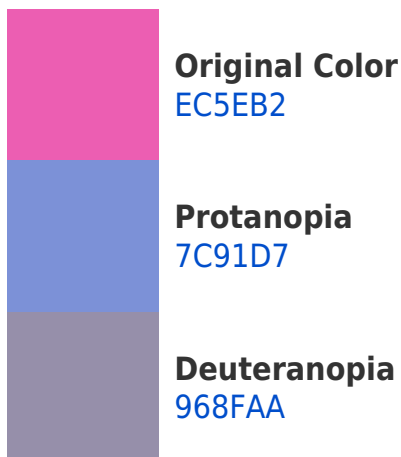



This preview shows how white text looks on a background with the Hex color EC5EB2.

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
E66D74

Trichromacy



Original Color
EC5EB2



Protanomaly
A57ECA



Deuteranomaly
B57DAD



Tritanomaly
E8688B

Monochromacy



Original Color
EC5EB2



Achromatopsia
929292



Achromatomaly
B37F9E

CSS Examples

Text

The CSS property to change the color of the text to Hex EC5EB2 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 #EC5EB2 looks like.

```
.text, #text, p{  
    color:#EC5EB2  
}
```

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 #EC5EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5EB2
}
```

Border

The CSS property to change the border of an element to Hex EC5EB2 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
#EC5EB2 }
```

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

```
.border{ border-color:#EC5EB2 }
```

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

Here you see how a box with a 4 pixel #EC5EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5EB2; -webkit-box-shadow:4px 4px  
4px 4px #EC5EB2; box-shadow:4px 4px 4px  
4px #EC5EB2 }
```

Background

The CSS property to change the background color of an element to Hex EC5EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5EB2 }
```

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

```
.background{ background-color:#EC5EB2 }
```

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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