

# Converting Colors

Hex(EC5EB4)

Have a look what the booklet for  
Hex(5E95B4) contains.

<b>Hex(5E95B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**EC5EB4**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EC5EB4
RGB	236, 94, 180
RGB Percent	93%, 37%, 71%
CMY	0.0745, 0.6314, 0.2941
CMYK	0.00, 0.60, 0.24, 0.07
HSL	324°, 79%, 65%
HSV	324°, 60%, 93%
XYZ	46.8330, 29.1336, 46.3350
YIQ	146.2620, 57.0260, 56.8500

# Conversions

## Conversions Part 2

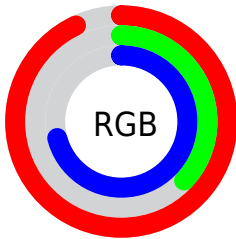
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">236, 94, 180</a>
Decimal	<a href="#">15490740</a>
CIELab	<a href="#">60.90, 63.46, -17.85</a>
CIElCh	<a href="#">61, 65.919, 344.290</a>
Yxy	<a href="#">29.1336, 0.3829, 0.2382</a>
Android (android.graphics.Color)	<a href="#">4293680820 (0xFFEC5EB4)</a>
YUV	<a href="#">146.2620, 16.6328, 78.7002</a>
Hunter-Lab	<a href="#">53.9755, 60.4221, -13.1143</a>

# Details

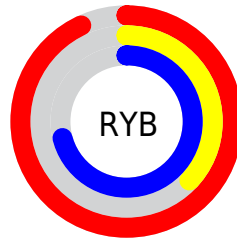
The Hex color **EC5EB4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5EEC96**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF97EC**, and **B11F7F** is the 20% darker color. If you saturate the color by 10%, you get **EC46AB**, and if you desaturate by 10%, it is **EC76BD**.

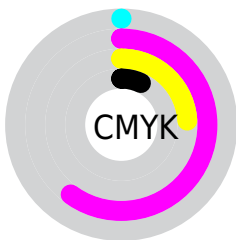
# Distribution



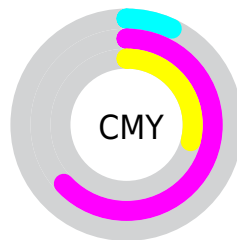
- Red (93%)
- Green (37%)
- Blue (71%)



- Red (93%)
- Yellow (37%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC5EB4 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 EC5EB4 by changing the saturation by 10% instead.



 EC5EB4

 EC5EB4

FFFFFF

 CE4199

 FF97EC

 B11F7F

 FFB3FF

 940066

 FFD0FF

 77004E

 FFE0FF

 5B0037

 420022

 250006

 000000

 EC5EB4

 EC5EB4

 EC46AB

 EC76BD

 EC2FA1

 EC8DC7

 EC1798

 ECA5D0

 EC008F

 ECB CD9

 ECD4E3

 ECECEC

 ECFFF5

 ECFFFE

 ECFFFF

# Harmonies

## Analogous

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



B977E7



EC5EB4



FB597A

# Triad

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



EC5EB4



959902



00ABE3

# Complementary

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



EC5EB4



5EEC96

# 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.



00AEAE



EC5EB4



51A538

# Square

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



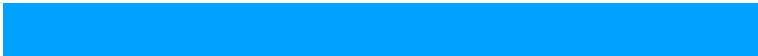
EC5EB4



C88512



00AC71



00A2FF

# Rectangle

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



EC5EB4



F56455



00AC71



00ADD3



# Sweetspot

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



EC5EB4



FFD1ED



945EEC



806374



000000



808080



# Same Dimension

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



EC5EB4



FF47B7



EC5E6F



756A71



B5006E



360020



# Inverse Universe

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



EC5EB4



FF47B7



5EECDB



756A71



B5006E



360020



# Previews

## White Background



This preview shows how the Hex color EC5EB4 looks on a white background.

## Color Contrast Check

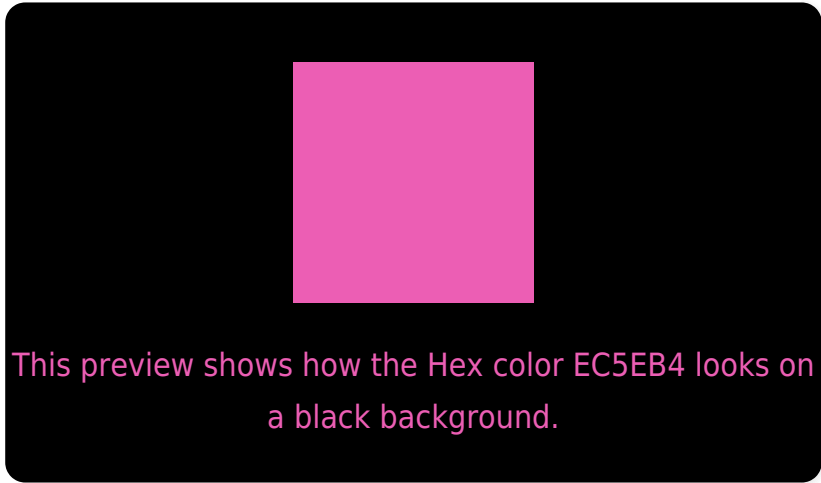
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC5EB4 Background



This preview shows how black text looks on a background with the Hex color EC5EB4.

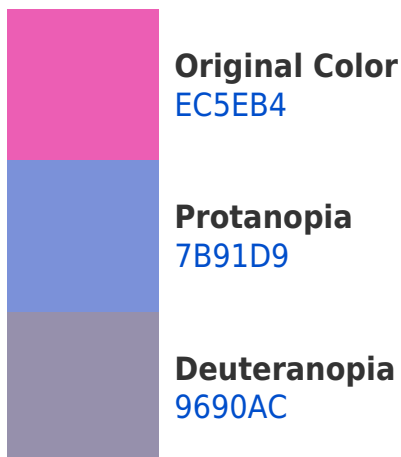



This preview shows how white text looks on a background with the Hex color EC5EB4.

# 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**  
E66D75

# Trichromacy



**Original Color**  
EC5EB4



**Protanomaly**  
A47ECC



**Deuteranomaly**  
B57EAF



**Tritanomaly**  
E8688C

# Monochromacy



**Original Color**  
EC5EB4



**Achromatopsia**  
929292



**Achromatomaly**  
B37F9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC5EB4 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 #EC5EB4 looks like.

```
.text, #text, p{  
    color:#EC5EB4  
}
```

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 #EC5EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5EB4
}
```

## Border

The CSS property to change the border of an element to Hex EC5EB4 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
#EC5EB4 }
```

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

```
.border{ border-color:#EC5EB4 }
```

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

Here you see how a box with a 4 pixel #EC5EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5EB4; -webkit-box-shadow:4px 4px  
4px 4px #EC5EB4; box-shadow:4px 4px 4px  
4px #EC5EB4 }
```

# Background

The CSS property to change the background color of an element to Hex EC5EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5EB4 }
```

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

```
.background{ background-color:#EC5EB4 }
```

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