

# Converting Colors

Hex(EB5EC5)

Have a look what the booklet for  
Hex(EB5EC5) contains.

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# Color

Hex(**EB5EC5**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB5EC5
RGB	235, 94, 197
RGB Percent	92%, 37%, 77%
CMY	0.0784, 0.6314, 0.2275
CMYK	0.00, 0.60, 0.16, 0.08
HSL	316°, 78%, 65%
HSV	316°, 60%, 92%
XYZ	48.3417, 29.6988, 56.0079
YIQ	147.9010, 50.9730, 61.9250

# Conversions

## Conversions Part 2

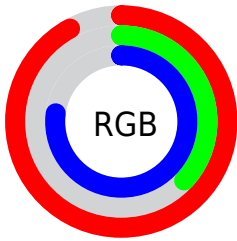
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 94, 197
Decimal	15425221
CIE <sub>Lab</sub>	61.39, 65.52, -26.81
CIE <sub>LCh</sub>	61, 70.796, 337.746
Yxy	29.6988, 0.3606, 0.2216
Android (android.graphics.Color)	4293615301 (0xFFEB5EC5)
YUV	147.9010, 24.2058, 76.3858
Hunter-Lab	54.4966, 62.9710, -22.7866

# Details

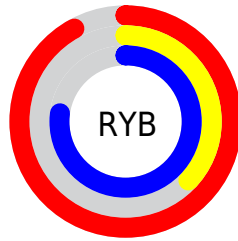
The Hex color **EB5EC5** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5EEB84**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF97FE**, and **B01E8F** is the 20% darker color. If you saturate the color by 10%, you get **EB47BF**, and if you desaturate by 10%, it is **EB76CB**.

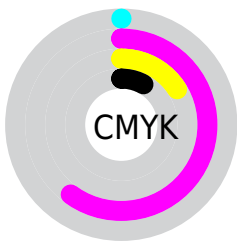
# Distribution



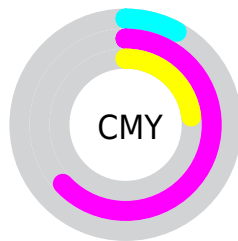
- Red (92%)
- Green (37%)
- Blue (77%)



- Red (92%)
- Yellow (37%)
- Blue (77%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB5EC5 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 EB5EC5 by changing the saturation by 10% instead.



 EB5EC5

 EB5EC5

FFFFFF

 CD40AA

 FF97FE

 B01E8F

 FFB4FF

 930075

 FFD1FF

 77005C

 FFE0FF

 5B0044

 41002E

 250018

 000000

 EB5EC5

 EB5EC5

 EB47BF

 EB76CB

 EB2FB8

 EB8DD2

 EB17B2

 EBA4D8

 EB00AC

 EBBCDE

 EBD3E5

 EBEBEB

 EBFFF1

 EBFFF8

 EBFFFE

# Harmonies

## Analogous

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



AA7CF8



EB5EC5



FF5187

# Triad

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



EB5EC5



A39700



00AFE0

# Complementary

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



EB5EC5



5EEB84

# 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.



00B1A3



EB5EC5



5FA623

# Square

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



EB5EC5



D67F0E



00AE62



00A7FF

# Rectangle

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



EB5EC5



FF5B5E



00AE62



00B0CD



# Sweetspot

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



EB5EC5



FFD1F3



845EEB



806378



000000



808080



# Same Dimension

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



EB5EC5



FF47CE



EB5E7F



756A72



B50084



360027



# Inverse Universe

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



EB5EC5



FF47CE



5EEBCA



756A72



B50084



360027



# Previews

## White Background



This preview shows how the Hex color EB5EC5 looks on a white background.

## Color Contrast Check

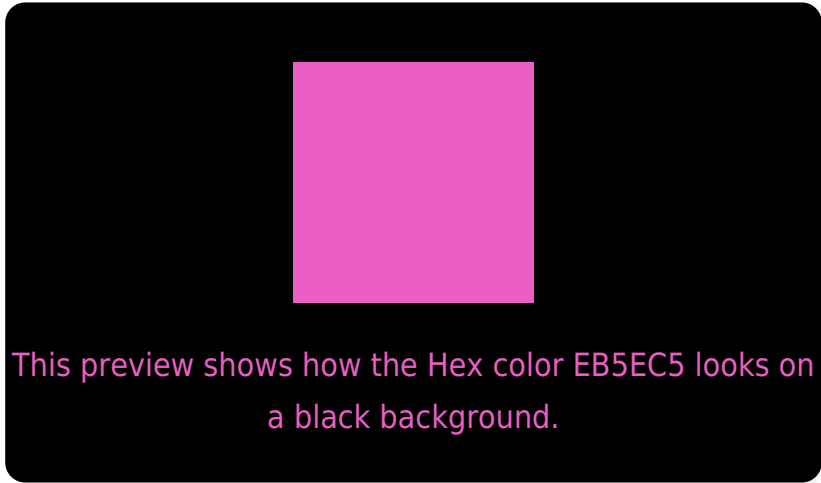
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5EC5 Background



This preview shows how black text looks on a background with the Hex color EB5EC5.



This preview shows how white text looks on a background with the Hex color EB5EC5.

# 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**  
E37179

# Trichromacy



**Original Color**  
EB5EC5



**Protanomaly**  
9D7FDF



**Deuteranomaly**  
B07FC0



**Tritanomaly**  
E66A95

# Monochromacy



**Original Color**  
EB5EC5



**Achromatopsia**  
949494



**Achromatomaly**  
B480A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB5EC5 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 #EB5EC5 looks like.

```
.text, #text, p{  
    color:#EB5EC5  
}
```

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 #EB5EC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5EC5
}
```

## Border

The CSS property to change the border of an element to Hex EB5EC5 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
#EB5EC5 }
```

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

```
.border{ border-color:#EB5EC5 }
```

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

Here you see how a box with a 4 pixel #EB5EC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5EC5; -webkit-box-shadow:4px 4px  
4px 4px #EB5EC5; box-shadow:4px 4px 4px  
4px #EB5EC5 }
```

# Background

The CSS property to change the background color of an element to Hex EB5EC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5EC5 }
```

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

```
.background{ background-color:#EB5EC5 }
```

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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