

# Converting Colors

Hex(EB5ED3)

Have a look what the booklet for  
Hex(EB5ED3) contains.

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# Color

Hex(**EB5ED3**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB5ED3
RGB	235, 94, 211
RGB Percent	92%, 37%, 83%
CMY	0.0784, 0.6314, 0.1725
CMYK	0.00, 0.60, 0.10, 0.08
HSL	310°, 78%, 65%
HSV	310°, 60%, 92%
XYZ	50.0215, 30.3707, 64.8537
YIQ	149.4970, 46.4790, 66.2790

# Conversions

## Conversions Part 2

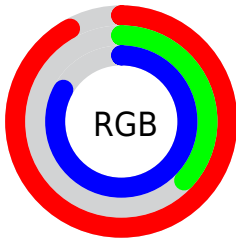
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 94, 211
Decimal	15425235
CIE Lab	61.97, 67.60, -33.84
CIE LCh	62, 75.593, 333.406
Yxy	30.3707, 0.3444, 0.2091
Android (android.graphics.Color)	4293615315 (0xFFEB5ED3)
YUV	149.4970, 30.3210, 74.9861
Hunter-Lab	55.1096, 65.5777, -31.1965

# Details

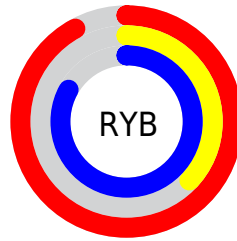
The Hex color **EB5ED3** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5EEB76**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF97FF**, and **B01C9C** is the 20% darker color. If you saturate the color by 10%, you get **EB47CF**, and if you desaturate by 10%, it is **EB76D7**.

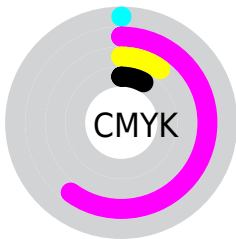
# Distribution



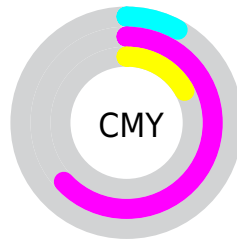
- Red (92%)
- Green (37%)
- Blue (83%)



- Red (92%)
- Yellow (37%)
- Blue (83%)



- Cyan (0%)
- Magenta (60%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB5ED3 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 EB5ED3 by changing the saturation by 10% instead.



 EB5ED3

 EB5ED3

FFFFFF

 CD40B7

 FF97FF

 B01C9C

 FFB4FF

 930082

 FFD1FF

 770068

 FFEFFF

 5B0050

 410038

 250022

 000007

 000000

 EB5ED3

 EB5ED3

 EB47CF

 EB76D7

 EB2FCB

 EB8DDB

 EB17C7

 EBA4DF

 EB00C3

 EBBCE3

 EBD3E7

 EBEBEB

 EBFFEF

 EBFFF3

 EBFFF7

# Harmonies

## Analogous

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



9D80FF



EB5ED3



FF4A91

# Triad

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



EB5ED3



AD9500



00B3DE

# Complementary

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



EB5ED3



5EEB76

# 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.



00B49C



EB5ED3



68A604

# Square

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



EB5ED3



E27B08



00B056



00ACFF

# Rectangle

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



EB5ED3



FF5265



00B056



00B4C9



# Sweetspot

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



EB5ED3



FFD1F7



755EEB



80637B



000000



808080



# Same Dimension

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



EB5ED3



FF47E0



EB5E8D



756A73



B50096



36002C



# Inverse Universe

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



EB5ED3



FF47E0



5EEBBC



756A73



B50096



36002C



# Previews

## White Background



This preview shows how the Hex color EB5ED3 looks on a white background.

## Color Contrast Check

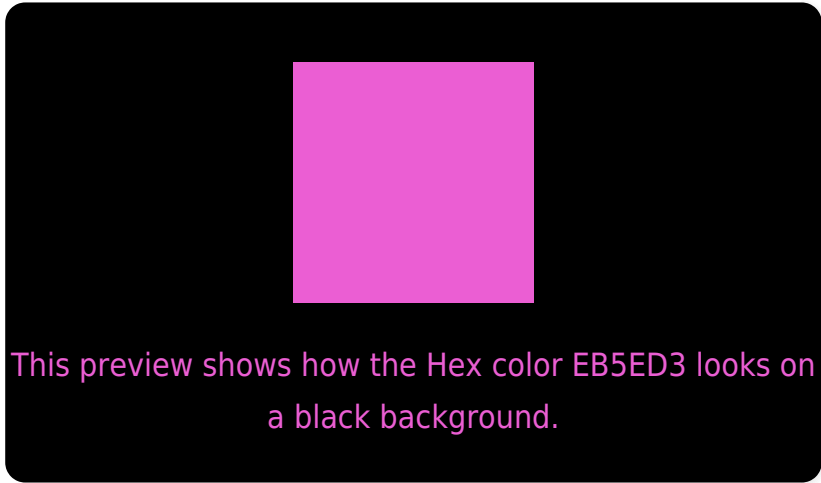
Large Text (above 18pt) WCAG AA × Fail

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 EB5ED3 Background



This preview shows how black text looks on a background with the Hex color EB5ED3.

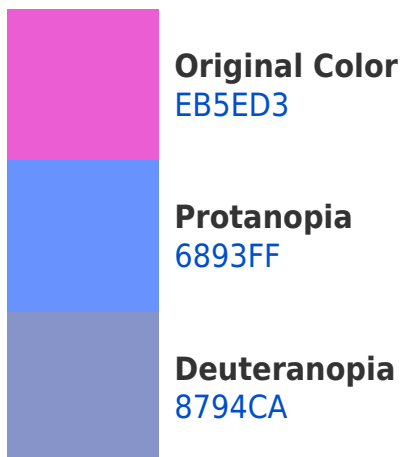


This preview shows how white text looks on a background with the Hex color EB5ED3.

# 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](#).

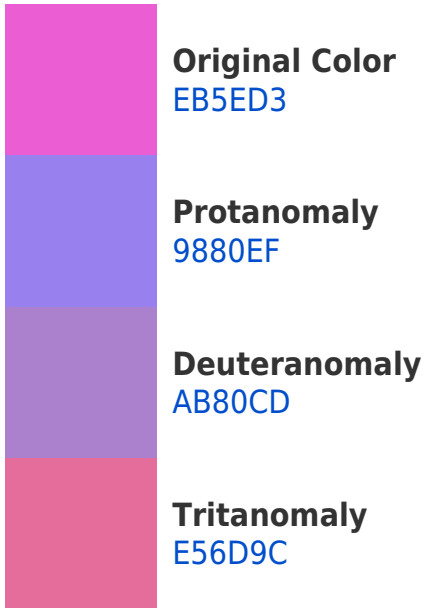
## Dichromacy





**Tritanopia**  
E2757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB5ED3 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 #EB5ED3 looks like.

```
.text, #text, p{  
    color:#EB5ED3  
}
```

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 #EB5ED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5ED3
}
```

## Border

The CSS property to change the border of an element to Hex EB5ED3 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
#EB5ED3 }
```

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

```
.border{ border-color:#EB5ED3 }
```

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

Here you see how a box with a 4 pixel #EB5ED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5ED3; -webkit-box-shadow:4px 4px  
4px 4px #EB5ED3; box-shadow:4px 4px 4px  
4px #EB5ED3 }
```

# Background

The CSS property to change the background color of an element to Hex EB5ED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5ED3 }
```

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

```
.background{ background-color:#EB5ED3 }
```

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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