

# Converting Colors

Hex(E617B7)

Have a look what the booklet for  
Hex(E617B7) contains.

<b>Hex(E617B7)</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(E617B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E617B7
RGB	230, 23, 183
RGB Percent	90%, 9%, 72%
CMY	0.0980, 0.9098, 0.2824
CMYK	0.00, 0.90, 0.20, 0.10
HSL	314°, 82%, 50%
HSV	314°, 90%, 90%
XYZ	41.4868, 20.8547, 46.6385
YIQ	103.1330, 72.0120, 93.6440

# Conversions

## Conversions Part 2

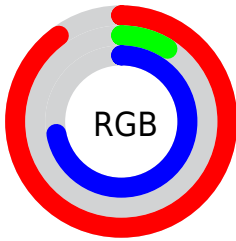
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 23, 183
Decimal	15079351
CIE <sub>Lab</sub>	52.79, 82.77, -32.16
CIE <sub>LCh</sub>	53, 88.799, 338.768
Yxy	20.8547, 0.3807, 0.1914
Android (android.graphics.Color)	4293269431 (0xFFE617B7)
YUV	103.1330, 39.3744, 111.2624
Hunter-Lab	45.6669, 82.2437, -28.5846

# Details

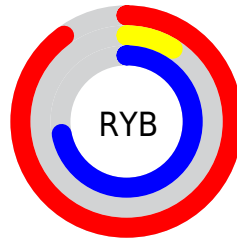
The Hex color **E617B7** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **17E646**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66EF**, and **A90082** is the 20% darker color. If you saturate the color by 10%, you get **E600B2**, and if you desaturate by 10%, it is **E62EBC**.

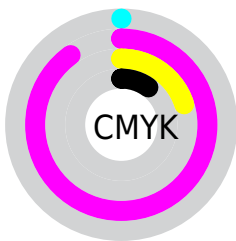
# Distribution



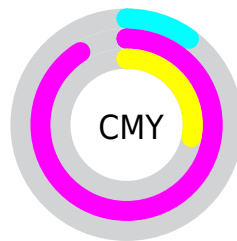
- Red (90%)
- Green (9%)
- Blue (72%)



- Red (90%)
- Yellow (9%)
- Blue (72%)



- Cyan (0%)
- Magenta (90%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (91%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E617B7 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 E617B7 by changing the saturation by 10% instead.



 E617B7

 E617B7

FFFFFF

 C8009C

 FF66EF

 A90082

 FF85FF

 8C0068

 FFA4FF

 6F0050

 FFC2FF

 520038

 FFE0FF

 350022

 120006

 000000

 E617B7

 E617B7

 E600B2

 E62EBC

 E645C1

 E65CC7

 E673CC

 E68AD1

 E6A1D6

 E6B8DC

 E6CFE1

 E6E6E6

# Harmonies

## Analogous

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



965CF7



E617B7



FF006B

# Triad

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



E617B7



868200



009CDD

# Complementary

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



E617B7



17E646

# 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.



009D93



E617B7



229200

# Square

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



E617B7



C46500



009A42



0095FF

# Rectangle

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



E617B7



F8143A



009A42



009DC6



# Sweetspot

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



E617B7



FFBAEF



4417E6



805776



000000



808080



# Same Dimension

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



E617B7



FF00C5



E61752



736770



B3008A



330027



# Inverse Universe

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



E617B7



FF00C5



17E6AB



736770



B3008A



330027



# Previews

## White Background



This preview shows how the Hex color E617B7 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 E617B7 Background



This preview shows how black text looks on a background with the Hex color E617B7.

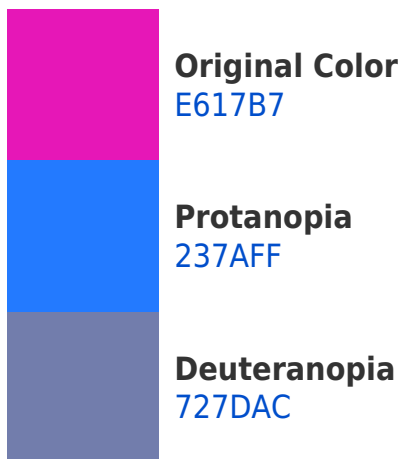


This preview shows how white text looks on a background with the Hex color E617B7.

# 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





# Trichromacy



**Original Color**  
E617B7



**Protanomaly**  
6A56E5



**Deuteranomaly**  
9C58B0



**Tritanomaly**  
E03774

# Monochromacy



**Original Color**  
E617B7



**Achromatopsia**  
676767



**Achromatomaly**  
954A84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E617B7 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 #E617B7 looks like.

```
.text, #text, p{  
    color:#E617B7  
}
```

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 #E617B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E617B7
}
```

## Border

The CSS property to change the border of an element to Hex E617B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

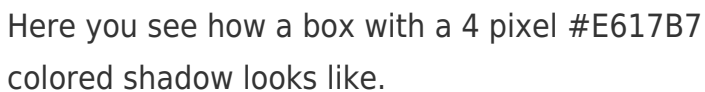
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E617B7 }
```

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

```
.border{ border-color:#E617B7 }
```

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



Here you see how a box with a 4 pixel #E617B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E617B7; -webkit-box-shadow:4px 4px  
4px 4px #E617B7; box-shadow:4px 4px 4px  
4px #E617B7 }
```

# Background

The CSS property to change the background color of an element to Hex E617B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E617B7 }
```

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

```
.background{ background-color:#E617B7 }
```

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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