

Converting Colors

Hex(E77EBB)

Have a look what the booklet for
Hex(E77EBB) contains.

Hex(E77EBB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E77EBB)

Conversions

Conversions Part 1

Format	Color
Hex	E77EBB
RGB	231, 126, 187
RGB Percent	91%, 49%, 73%
CMY	0.0941, 0.5059, 0.2667
CMYK	0.00, 0.45, 0.19, 0.09
HSL	325°, 69%, 70%
HSV	325°, 45%, 91%
XYZ	49.3855, 35.4985, 51.2627
YIQ	164.3490, 42.9990, 41.2310

Conversions

Conversions Part 2

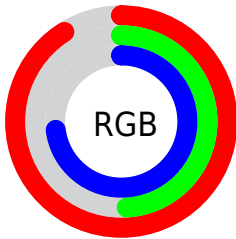
Format	Color
R _Y B	231, 126, 187
Decimal	15171259
CIE Lab	66.13, 47.94, -13.98
CIE LCh	66, 49.933, 343.746
Yxy	35.4985, 0.3627, 0.2607
Android (android.graphics.Color)	4293361339 (0xFFE77EBB)
YUV	164.3490, 11.1669, 58.4529
Hunter-Lab	59.5806, 43.6900, -9.3062

Details

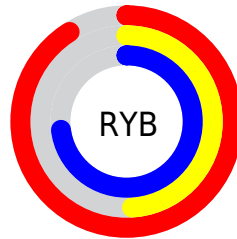
The Hex color **E77EBB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7EE7AA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB5F3**, and **AD4986** is the 20% darker color. If you saturate the color by 10%, you get **E767B1**, and if you desaturate by 10%, it is **E795C5**.

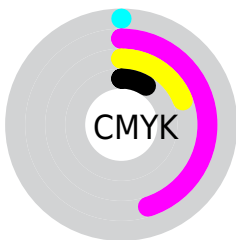
Distribution



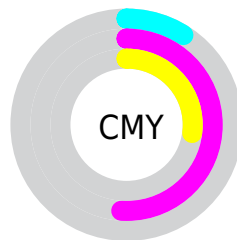
- Red (91%)
- Green (49%)
- Blue (73%)



- Red (91%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color E77EBB 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 E77EBB by changing the saturation by 10% instead.

 E77EBB

 E77EBB

FFFFFF

 CA63A0

 FFB5F3

 AD4986

 FFD1FF

 912E6C

 FFEEFF

 760E54

 5B003D

 410027

 290012

 000000

 E77EBB

 E77EBB

 E767B1

 E795C5

 E750A8

 E7ACCE

 E7399E

 E7C3D8

 E72294

 E7DAE2

 E70A8B

 E7F2EB

 E70086

 E7FFF5

 E7FFFF

Harmonies

Analogous

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



BF8DE2



E77EBB



F57B8E

Triad

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



E77EBB



A7A546



00B5DE

Complementary

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



E77EBB



7EE7AA

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.



00B7B5



E77EBB



75B05D

Square

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



E77EBB



CF9649



27B686



00ACF6

Rectangle

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



E77EBB



F18171



27B686



00B6D1

Sweetspot

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



E77EBB



FFDBF0



AA7EE7



806A76



000000



808080

Same Dimension

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



E77EBB



FF73C4



E77E87



73676E



B30068



33001E

Inverse Universe

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



E77EBB



FF73C4



7EE7DE



73676E



B30068



33001E

Previews

White Background



This preview shows how the Hex color E77EBB looks on a white background.

Color Contrast Check

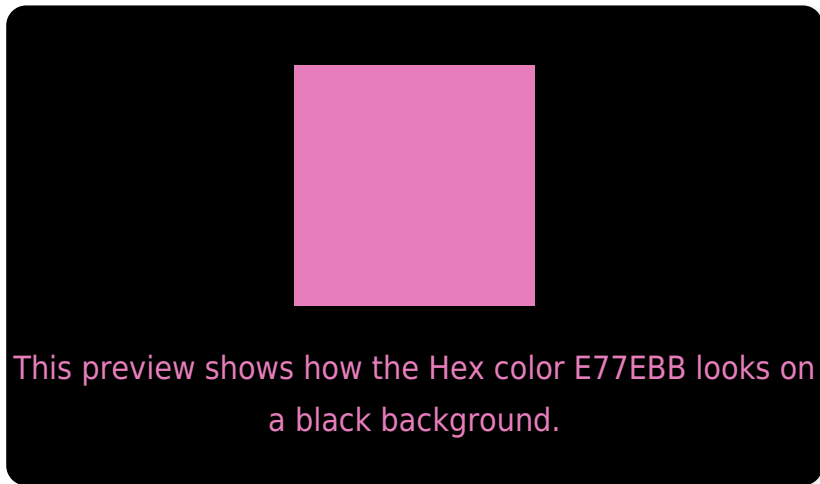
Large Text (above 18pt) WCAG AA × Fail

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 E77EBB Background



This preview shows how black text looks on a background with the Hex color E77EBB.

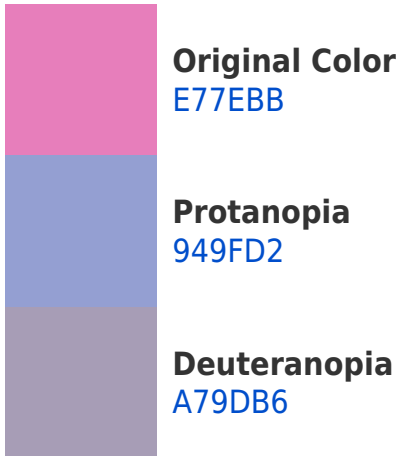


This preview shows how white text looks on a background with the Hex color E77EBB.

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
E38690

Trichromacy



Original Color
E77EBB



Protanomaly
B293CA



Deuteranomaly
BE92B8



Tritanomaly
E483A0

Monochromacy



Original Color
E77EBB



Achromatopsia
A4A4A4



Achromatomaly
BC96AC

CSS Examples

Text

The CSS property to change the color of the text to Hex E77EBB 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 #E77EBB looks like.

```
.text, #text, p{  
  color:#E77EBB  
}
```

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 #E77EBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E77EBB
}
```

Border

The CSS property to change the border of an element to Hex E77EBB 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
#E77EBB }
```

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

```
.border{ border-color:#E77EBB }
```

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

Here you see how a box with a 4 pixel #E77EBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E77EBB; -webkit-box-shadow:4px 4px  
4px 4px #E77EBB; box-shadow:4px 4px 4px  
4px #E77EBB }
```

Background

The CSS property to change the background color of an element to Hex E77EBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E77EBB }
```

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

```
.background{ background-color:#E77EBB }
```

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