

Converting Colors

Hex(E67EE1)

Have a look what the booklet for
Hex(E67EE1) contains.

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Color

Hex(E67EE1)

Conversions

Conversions Part 1

Format	Color
Hex	E67EE1
RGB	230, 126, 225
RGB Percent	90%, 49%, 88%
CMY	0.0980, 0.5059, 0.1176
CMYK	0.00, 0.45, 0.02, 0.10
HSL	303°, 68%, 70%
HSV	303°, 45%, 90%
XYZ	53.6846, 37.1809, 75.5813
YIQ	168.3820, 30.2050, 52.8370

Conversions

Conversions Part 2

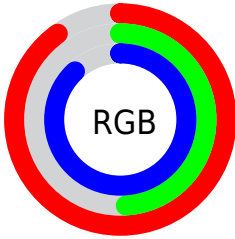
Format	Color
RYB	230, 126, 225
Decimal	15105761
CIELab	67.41, 53.77, -33.27
CIELCh	67, 63.232, 328.253
Yxy	37.1809, 0.3225, 0.2234
Android (android.graphics.Color)	4293295841 (0xFFE67EE1)
YUV	168.3820, 27.9127, 54.0390
Hunter-Lab	60.9762, 50.4465, -30.8079

Details

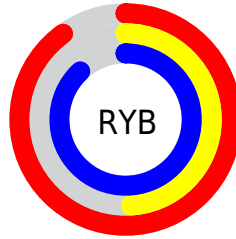
The Hex color **E67EE1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7EE683**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB5FF**, and **AC48A9** is the 20% darker color. If you saturate the color by 10%, you get **E667E0**, and if you desaturate by 10%, it is **E695E2**.

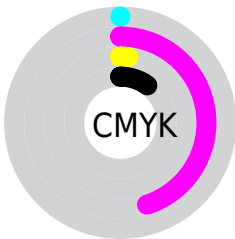
Distribution



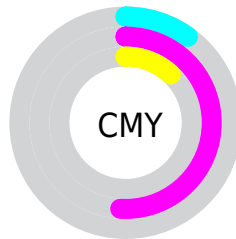
- Red (90%)
- Green (49%)
- Blue (88%)



- Red (90%)
- Yellow (49%)
- Blue (88%)



- Cyan (0%)
- Magenta (45%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color E67EE1 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 E67EE1 by changing the saturation by 10% instead.

 E67EE1

 E67EE1

FFFFFF

 C963C5

 FFB5FF

 AC48A9

 FFD2FF

 902C8F

 FFEFFF

 750875

 5A005C

 400044

 29002D

 000117

 000000

 E67EE1

 E67EE1

 E667E0

 E695E2

 E650DF

 E6ACE3

 E639DE

 E6C3E4

 E622DD

 E6DAE5

 E60BDB

 E6F1E7

 E600DB

 E6FFE8

 E6FFE9

 E6FFEA

 E6FFEB

Harmonies

Analogous

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



9F96FF



E67EE1



FF6FAA

Triad

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



E67EE1



C5A026



00BFD9

Complementary

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



E67EE1



7EE683

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.



00BF9F



E67EE1



8DB137

Square

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



E67EE1



F08A42



39BB65



00B9FF

Rectangle

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



E67EE1



FF7184



39BB65



00C0C6

Sweetspot

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



E67EE1



FFDBFD



817EE6



806A7E



000000



808080

Same Dimension

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



E67EE1



FF75F8



E67EAF



736772



B300AA



330031

Inverse Universe

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



E67EE1



FF75F8



7EE6B5



736772



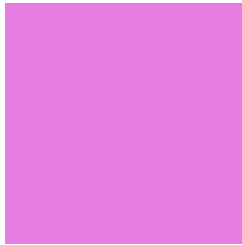
B300AA



330031

Previews

White Background



This preview shows how the Hex color E67EE1 looks on a white background.

Color Contrast Check

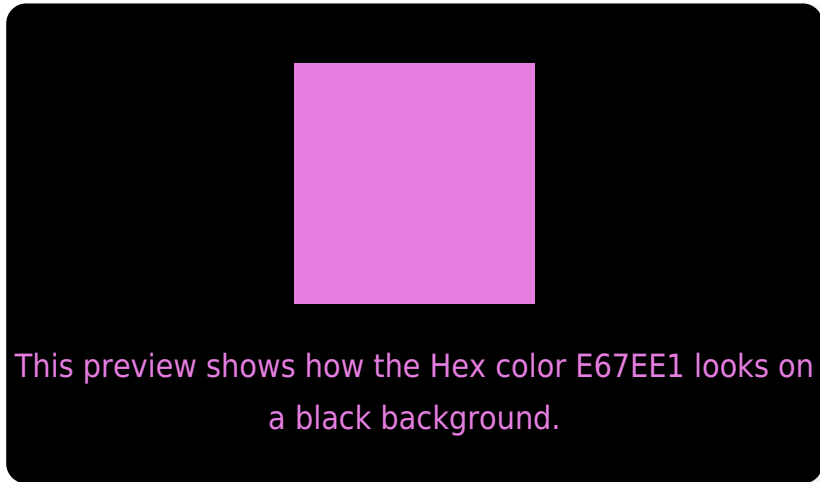
Large Text (above 18pt) WCAG AA × Fail

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

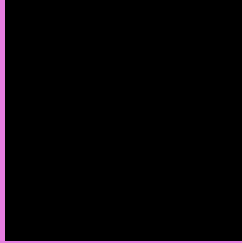
Any Text WCAG AA ✓ Pass

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 E67EE1 Background



This preview shows how black text looks on a background with the Hex color E67EE1.

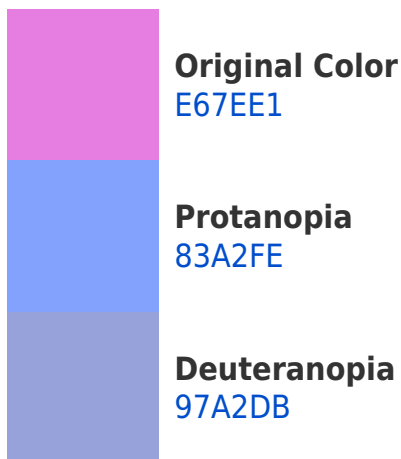


This preview shows how white text looks on a background with the Hex color E67EE1.

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
DD8E99

Trichromacy



Original Color
E67EE1



Protanomaly
A795F3



Deuteranomaly
B495DD



Tritanomaly
E088B3

Monochromacy



Original Color
E67EE1



Achromatopsia
A8A8A8



Achromatomaly
BF99BD

CSS Examples

Text

The CSS property to change the color of the text to Hex E67EE1 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 #E67EE1 looks like.

```
.text, #text, p{  
    color:#E67EE1  
}
```

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 #E67EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67EE1
}
```

Border

The CSS property to change the border of an element to Hex E67EE1 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
#E67EE1 }
```

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

```
.border{ border-color:#E67EE1 }
```

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

Here you see how a box with a 4 pixel #E67EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67EE1; -webkit-box-shadow:4px 4px  
4px 4px #E67EE1; box-shadow:4px 4px 4px  
4px #E67EE1 }
```

Background

The CSS property to change the background color of an element to Hex E67EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67EE1 }
```

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

```
.background{ background-color:#E67EE1 }
```

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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