

# Converting Colors

Hex(E88EB4)

Have a look what the booklet for  
Hex(E88EB4) contains.

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# **Color**

**Hex(E88EB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E88EB4
RGB	232, 142, 180
RGB Percent	91%, 56%, 71%
CMY	0.0902, 0.4431, 0.2941
CMYK	0.00, 0.39, 0.22, 0.09
HSL	335°, 66%, 73%
HSV	335°, 39%, 91%
XYZ	51.1899, 39.7971, 48.1636
YIQ	173.2420, 41.4420, 30.8980

# Conversions

## Conversions Part 2

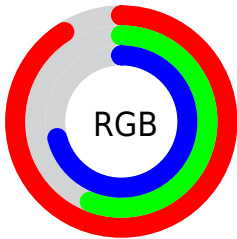
Format	Color
R <sub>Y</sub> B	232, 142, 180
Decimal	15240884
CIE Lab	69.32, 39.02, -5.28
CIE LCh	69, 39.380, 352.301
Yxy	39.7971, 0.3679, 0.2860
Android (android.graphics.Color)	4293430964 (0xFFE88EB4)
YUV	173.2420, 3.3317, 51.5308
Hunter-Lab	63.0849, 34.4442, -1.1068

# Details

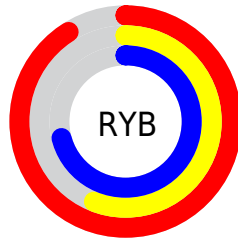
The Hex color **E88EB4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EE8C2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC5EC**, and **AF5A7F** is the 20% darker color. If you saturate the color by 10%, you get **E877A7**, and if you desaturate by 10%, it is **E8A5C1**.

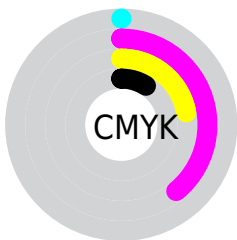
# Distribution



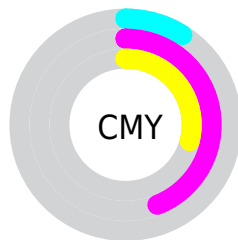
- Red (91%)
- Green (56%)
- Blue (71%)



- Red (91%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E88EB4 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 E88EB4 by changing the saturation by 10% instead.



 E88EB4

 E88EB4

FFFFFF

 CB7499

 FFC5EC

 AF5A7F

 FFE1FF

 934066

FFFEFF

 78274E

 5D0A38

 430022

 2E000C

 000000

 E88EB4

 E88EB4

 E877A7

 E8A5C1

 E86099

 E8BCCF

 E8488C

 E8D4DC

 E8317E

 E8EBEA

 E81A71

 E8FFF7

 E80364

 E8FFFF

 E80062

# Harmonies

## Analogous

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



CD96D5



E88EB4



EE8F90

# Triad

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



E88EB4



A5AF66



0DB8E1

# Complementary

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



E88EB4



8EE8C2

# 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.



00BCC3



E88EB4



7CB77C

# Square

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



E88EB4



C9A462



4BBC9F



63B0EF

# Rectangle

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



E88EB4



E8947B



4BBC9F



00BAD8



# Sweetspot

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



E88EB4



FFE0ED



C18EE8



806E75



000000



808080



# Same Dimension

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



E88EB4



FF87BA



E8948E



73676C



B3004B



330016



# Inverse Universe

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



E88EB4



FF87BA



8EE2E8



73676C



B3004B



330016



# Previews

## White Background



This preview shows how the Hex color E88EB4 looks on a white background.

## Color Contrast Check

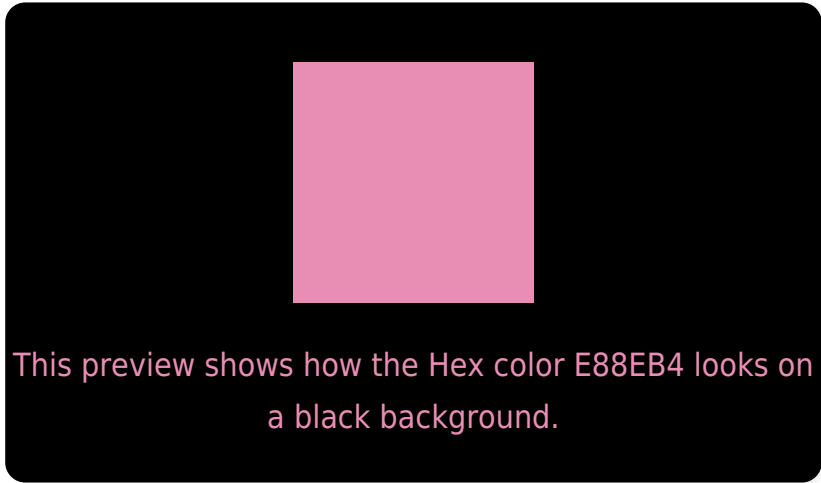
Large Text (above 18pt) WCAG AA × Fail

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 E88EB4 Background



This preview shows how black text looks on a background with the Hex color E88EB4.

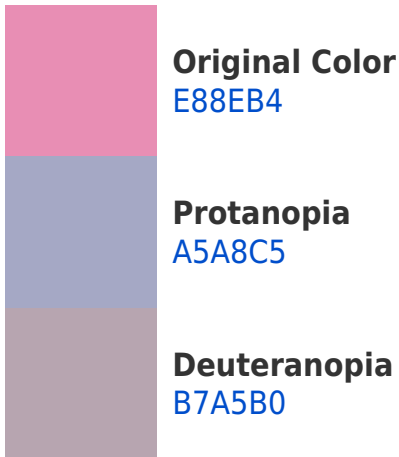



This preview shows how white text looks on a background with the Hex color E88EB4.

# 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**  
E6929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E88EB4 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 #E88EB4 looks like.

```
.text, #text, p{  
    color:#E88EB4  
}
```

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 #E88EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E88EB4
}
```

## Border

The CSS property to change the border of an element to Hex E88EB4 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
#E88EB4 }
```

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

```
.border{ border-color:#E88EB4 }
```

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

Here you see how a box with a 4 pixel #E88EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E88EB4; -webkit-box-shadow:4px 4px  
4px 4px #E88EB4; box-shadow:4px 4px 4px  
4px #E88EB4 }
```

# Background

The CSS property to change the background color of an element to Hex E88EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E88EB4 }
```

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

```
.background{ background-color:#E88EB4 }
```

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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