

Converting Colors

Hex(E680B7)

Have a look what the booklet for
Hex(E680B7) contains.

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Color

Hex(E680B7)

Conversions

Conversions Part 1

Format	Color
Hex	E680B7
RGB	230, 128, 183
RGB Percent	90%, 50%, 72%
CMY	0.0980, 0.4980, 0.2824
CMYK	0.00, 0.44, 0.20, 0.10
HSL	328°, 67%, 70%
HSV	328°, 44%, 90%
XYZ	48.8995, 35.6802, 49.1094
YIQ	164.7680, 43.1370, 38.7290

Conversions

Conversions Part 2

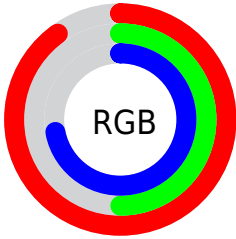
Format	Color
R _Y B	230, 128, 183
Decimal	15106231
CIE Lab	66.27, 46.01, -11.53
CIE LCh	66, 47.433, 345.937
Yxy	35.6802, 0.3658, 0.2669
Android (android.graphics.Color)	4293296311 (0xFFE680B7)
YUV	164.7680, 8.9884, 57.2085
Hunter-Lab	59.7329, 41.5939, -6.9322

Details

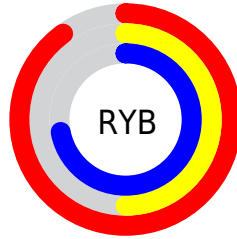
The Hex color **E680B7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80E6AF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB7EF**, and **AC4B82** is the 20% darker color. If you saturate the color by 10%, you get **E669AC**, and if you desaturate by 10%, it is **E697C2**.

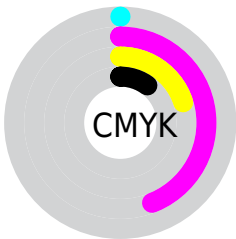
Distribution



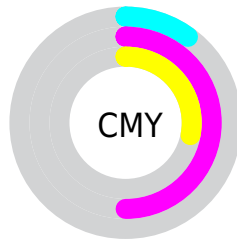
- Red (90%)
- Green (50%)
- Blue (72%)



- Red (90%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color E680B7 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 E680B7 by changing the saturation by 10% instead.

 E680B7

 E680B7

FFFFFF

 C9659C

 FFB7EF

 AC4B82

 FFD3FF

 903169

 FFF0FF

 751351

 5A003A

 400024

 29000D

 000000

 E680B7

 E680B7

 E669AC

 E697C2

 E652A2

 E6AECC

 E63B97

 E6C5D7

 E6248D

 E6DCE1

 E60D82

 E6F3EC

 E6007C

 E6FFF7

 E6FFFF

Harmonies

Analogous

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



C18DDD



E680B7



F27E8C

Triad

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



E680B7



A4A64C



00B4DD

Complementary

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



E680B7



80E6AF

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.



00B7B7



E680B7



74B064

Square

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



E680B7



CC984D



2CB68B



00ABF3

Rectangle

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



E680B7



ED8471



2CB68B



00B5D2

Sweetspot

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



E680B7



FFDEF0



AE80E6



806B76



000000



808080

Same Dimension

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



E680B7



FF78C1



E68085



73676D



B30060



33001B

Inverse Universe

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



E680B7



FF78C1



80E6E1



73676D



B30060



33001B

Previews

White Background



This preview shows how the Hex color E680B7 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 E680B7 Background



This preview shows how black text looks on a background with the Hex color E680B7.

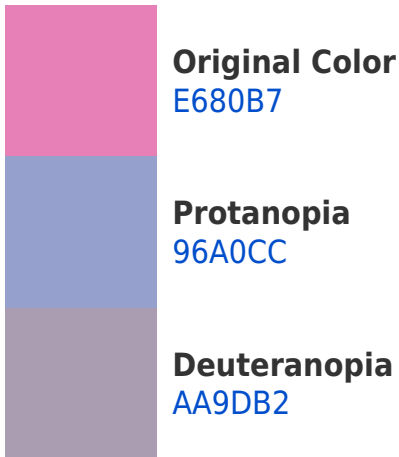


This preview shows how white text looks on a background with the Hex color E680B7.

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
E28791

Trichromacy



Original Color
E680B7



Protanomaly
B394C4



Deuteranomaly
C092B4

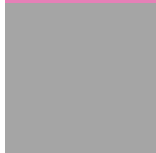


Tritanomaly
E3849F

Monochromacy



Original Color
E680B7



Achromatopsia
A5A5A5



Achromatomaly
BD98AC

CSS Examples

Text

The CSS property to change the color of the text to Hex E680B7 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 #E680B7 looks like.

```
.text, #text, p{  
    color:#E680B7  
}
```

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 #E680B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E680B7
}
```

Border

The CSS property to change the border of an element to Hex E680B7 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
#E680B7 }
```

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

```
.border{ border-color:#E680B7 }
```

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

Here you see how a box with a 4 pixel #E680B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E680B7; -webkit-box-shadow:4px 4px  
4px 4px #E680B7; box-shadow:4px 4px 4px  
4px #E680B7 }
```

Background

The CSS property to change the background color of an element to Hex E680B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E680B7 }
```

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

```
.background{ background-color:#E680B7 }
```

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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