

Converting Colors

Hex(E678D9)

Have a look what the booklet for
Hex(E678D9) contains.

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Color

Hex(E678D9)

Conversions

Conversions Part 1

Format	Color
Hex	E678D9
RGB	230, 120, 217
RGB Percent	90%, 47%, 85%
CMY	0.0980, 0.5294, 0.1490
CMYK	0.00, 0.48, 0.06, 0.10
HSL	307°, 69%, 69%
HSV	307°, 48%, 90%
XYZ	51.8740, 35.2657, 69.7185
YIQ	163.9480, 34.4230, 53.4870

Conversions

Conversions Part 2

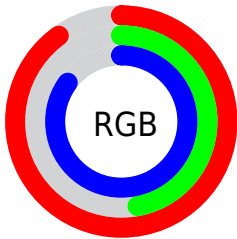
Format	Color
RYB	230, 120, 217
Decimal	15104217
CIELab	65.95, 55.35, -31.08
CIELCh	66, 63.483, 330.686
Yxy	35.2657, 0.3307, 0.2248
Android (android.graphics.Color)	4293294297 (0xFFE678D9)
YUV	163.9480, 26.1546, 57.9276
Hunter-Lab	59.3849, 51.9999, -28.0377

Details

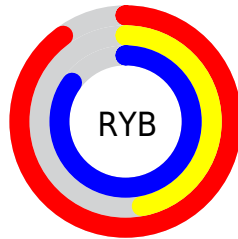
The Hex color **E678D9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78E685**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFAFFF**, and **AC42A2** is the 20% darker color. If you saturate the color by 10%, you get **E661D6**, and if you desaturate by 10%, it is **E68FDC**.

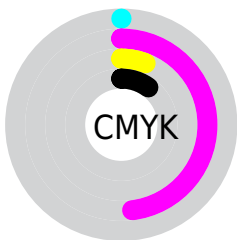
Distribution



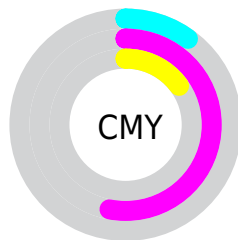
- Red (90%)
- Green (47%)
- Blue (85%)



- Red (90%)
- Yellow (47%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E678D9 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 E678D9 by changing the saturation by 10% instead.

 E678D9

 E678D9

FFFFFF

 C95DBD

 FFAFFF

 AC42A2

 FFCCFF

 902487

 FFE9FF

 75006E

 5A0055

 40003D

 270027

 000110

 000000

 E678D9

 E678D9

 E661D6

 E68FDC

 E64AD4

 E6A6DE

 E633D1

 E6BDE1

 E61CCE

 E6D4E4

 E605CB

 E6EBE7

 E600CB

 E6FFE9

 E6FFEC

 E6FFEF

 E6FFF1

Harmonies

Analogous

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



A291FF



E678D9



FF6AA1

Triad

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



E678D9



BC9E20



00BBD9

Complementary

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



E678D9



78E685

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.



00BBA0



E678D9



83AE35

Square

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



E678D9



E9883B



25B766



00B4FF

Rectangle

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



E678D9



FF6D7B



25B766



00BBC7

Sweetspot

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



E678D9



FFDBFB



8578E6



806A7D



000000



808080

Same Dimension

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



E678D9



FF6EEE



E678A2



736771



B3009D



33002D

Inverse Universe

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



E678D9



FF6EEE



78E6BC



736771



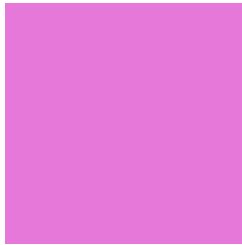
B3009D



33002D

Previews

White Background



This preview shows how the Hex color E678D9 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 E678D9 Background



This preview shows how black text looks on a background with the Hex color E678D9.

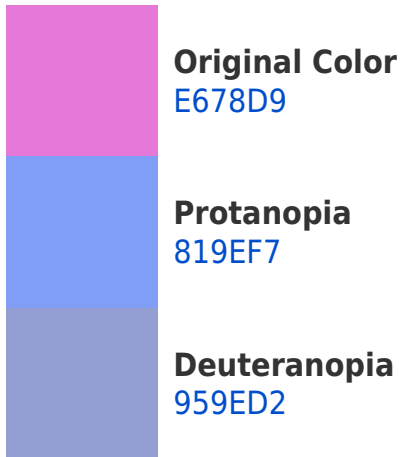



This preview shows how white text looks on a background with the Hex color E678D9.

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
DE8892

Trichromacy



Original Color
E678D9



Protanomaly
A690EC



Deuteranomaly
B290D5

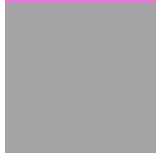


Tritanomaly
E182AC

Monochromacy



Original Color
E678D9



Achromatopsia
A4A4A4



Achromatomaly
BC94B7

CSS Examples

Text

The CSS property to change the color of the text to Hex E678D9 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 #E678D9 looks like.

```
.text, #text, p{  
    color:#E678D9  
}
```

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 #E678D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E678D9
}
```

Border

The CSS property to change the border of an element to Hex E678D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

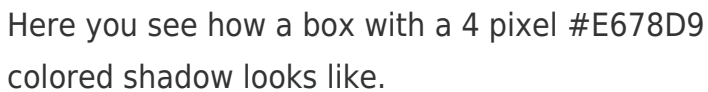
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E678D9 }
```

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

```
.border{ border-color:#E678D9 }
```

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



Here you see how a box with a 4 pixel #E678D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E678D9; -webkit-box-shadow:4px 4px  
4px 4px #E678D9; box-shadow:4px 4px 4px  
4px #E678D9 }
```

Background

The CSS property to change the background color of an element to Hex E678D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E678D9 }
```

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

```
.background{ background-color:#E678D9 }
```

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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