

# Converting Colors

Hex(E681CD)

Have a look what the booklet for  
Hex(E681CD) contains.

<b>Hex(E681CD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E681CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E681CD
RGB	230, 129, 205
RGB Percent	90%, 51%, 80%
CMY	0.0980, 0.4941, 0.1961
CMYK	0.00, 0.44, 0.11, 0.10
HSL	315°, 67%, 70%
HSV	315°, 44%, 90%
XYZ	51.5028, 36.9313, 62.1716
YIQ	167.8630, 35.8000, 45.0480

# Conversions

## Conversions Part 2

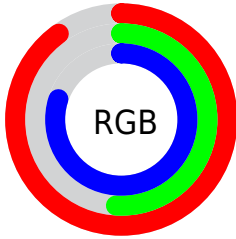
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 129, 205
Decimal	15106509
CIE <sub>Lab</sub>	67.23, 48.90, -22.43
CIE <sub>LCh</sub>	67, 53.800, 335.359
Yxy	36.9313, 0.3420, 0.2452
Android (android.graphics.Color)	4293296589 (0xFFE681CD)
YUV	167.8630, 18.3085, 54.4941
Hunter-Lab	60.7711, 44.9273, -18.1165

# Details

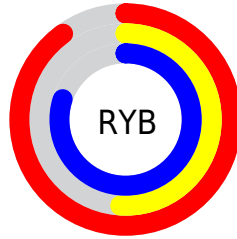
The Hex color **E681CD** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81E69A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB8FF**, and **AD4C97** is the 20% darker color. If you saturate the color by 10%, you get **E66AC7**, and if you desaturate by 10%, it is **E698D3**.

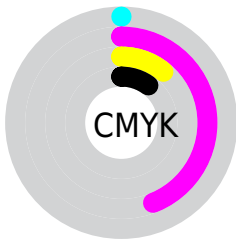
# Distribution



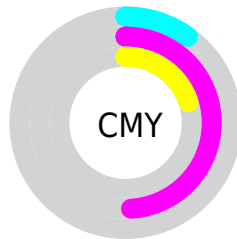
- Red (90%)
- Green (51%)
- Blue (80%)



- Red (90%)
- Yellow (51%)
- Blue (80%)



- Cyan (0%)
- Magenta (44%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E681CD 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 E681CD by changing the saturation by 10% instead.



 E681CD

 E681CD

FFFFFF

 C966B1

 FFB8FF

 AD4C97

 FFD5FF

 91317D

 FFF2FF

 751363

 5B004B

 410034

 2A001F

 000001

 000000

 E681CD

 E681CD

 E66AC7

 E698D3

 E653C2

 E6AFD8

 E63CBC

 E6C6DE

 E625B6

 E6DDE4

 E60EB1

 E6F4E9

 E600AD

 E6FFEF

 E6FFF5

 E6FFFB

 E6FFFF

# Harmonies

## Analogous

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



B293F3



E681CD



FD799D

# Triad

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



E681CD



B7A43E



00BADA

# Complementary

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



E681CD



81E69A

# 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.



00BCAB



E681CD



84B151

# Square

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



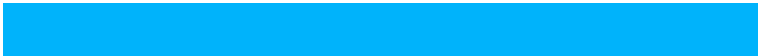
E681CD



DF924B



3CB979



00B3FB

# Rectangle

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



E681CD



FD7D7D



3CB979



00BBCC



# Sweetspot

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



E681CD



FFDEF7



9981E6



806B7A



000000



808080



# Same Dimension

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



E681CD



FF78DE



E6819C



736770



B30086



330026



# Inverse Universe

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



E681CD



FF78DE



81E6CB



736770



B30086

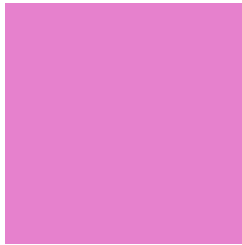


330026



# Previews

## White Background



This preview shows how the Hex color E681CD looks on a white background.

## Color Contrast Check

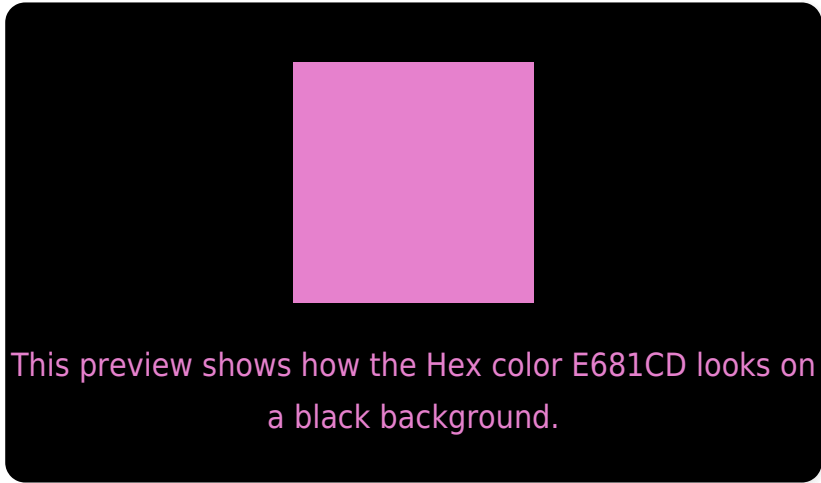
Large Text (above 18pt) WCAG AA × Fail

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 E681CD Background



This preview shows how black text looks on a background with the Hex color E681CD.

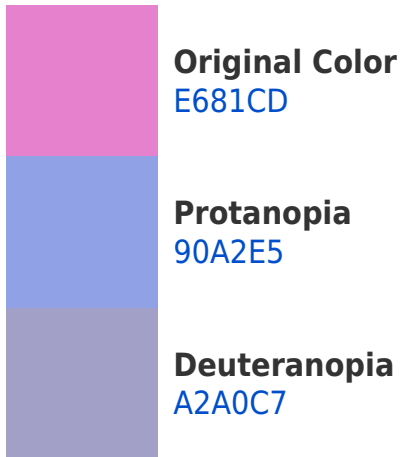


This preview shows how white text looks on a background with the Hex color E681CD.

# 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**  
E08C97

# Trichromacy



**Original Color**  
E681CD



**Protanomaly**  
AF96DC



**Deuteranomaly**  
BB95C9



**Tritanomaly**  
E288AB

# Monochromacy



**Original Color**  
E681CD



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
BF9AB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E681CD 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 #E681CD looks like.

```
.text, #text, p{  
    color:#E681CD  
}
```

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 #E681CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E681CD
}
```

## Border

The CSS property to change the border of an element to Hex E681CD 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
#E681CD }
```

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

```
.border{ border-color:#E681CD }
```

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

Here you see how a box with a 4 pixel #E681CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E681CD; -webkit-box-shadow:4px 4px  
4px 4px #E681CD; box-shadow:4px 4px 4px  
4px #E681CD }
```

# Background

The CSS property to change the background color of an element to Hex E681CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E681CD }
```

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

```
.background{ background-color:#E681CD }
```

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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