

# Converting Colors

Hex(E681D0)

Have a look what the booklet for  
Hex(E681D0) contains.

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# **Color**

**Hex(E681D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E681D0
RGB	230, 129, 208
RGB Percent	90%, 51%, 82%
CMY	0.0980, 0.4941, 0.1843
CMYK	0.00, 0.44, 0.10, 0.10
HSL	313°, 67%, 70%
HSV	313°, 44%, 90%
XYZ	51.8686, 37.0776, 64.0974
YIQ	168.2050, 34.8370, 45.9810

# Conversions

## Conversions Part 2

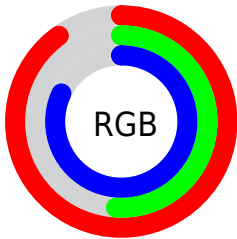
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">230, 129, 208</a>
Decimal	<a href="#">15106512</a>
CIELab	<a href="#">67.34, 49.39, -23.94</a>
CIELCh	<a href="#">67, 54.886, 334.142</a>
Yxy	<a href="#">37.0776, 0.3389, 0.2423</a>
Android (android.graphics.Color)	<a href="#">4293296592 (0xFFE681D0)</a>
YUV	<a href="#">168.2050, 19.6189, 54.1942</a>
Hunter-Lab	<a href="#">60.8914, 45.4902, -19.7878</a>

# Details

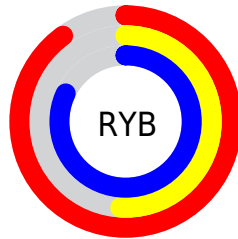
The Hex color **E681D0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81E697**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB8FF**, and **AD4C99** is the 20% darker color. If you saturate the color by 10%, you get **E66ACB**, and if you desaturate by 10%, it is **E698D5**.

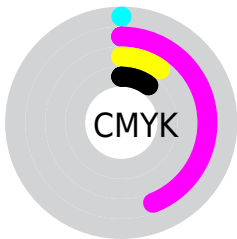
# Distribution



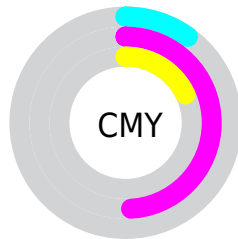
- Red (90%)
- Green (51%)
- Blue (82%)



- Red (90%)
- Yellow (51%)
- Blue (82%)



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



- Cyan (10%)
- Magenta (49%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E681D0 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 E681D0 by changing the saturation by 10% instead.



 E681D0

 E681D0


FFFFFF

 C966B4

 FFB8FF

 AD4C99

 FFD5FF

 91317F

 FFF2FF

 751266

 5B004E

 410037

 2A0021

 000005

 000000

 E681D0

 E681D0

 E66ACB

 E698D5

 E653C6

 E6AFDA

 E63CC1

 E6C6DF

 E625BC

 E6DDE4

 E60EB7

 E6F4E9

 E600B4

 E6FFEE

 E6FFF3

 E6FFF8

 E6FFFD

# Harmonies

## Analogous

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



B094F6



E681D0



FE789F

# Triad

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



E681D0



B9A43C



00BBDA

# Complementary

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



E681D0



81E697

# 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.



00BCA9



E681D0



86B14E

# Square

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



E681D0



E2924A



3DB977



00B4FC

# Rectangle

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



E681D0



FF7C7E



3DB977



00BCCB



# Sweetspot

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



E681D0



FFDEF8



9781E6



806B7B



000000



808080



# Same Dimension

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



E681D0



FF78E2



E6819E



736770



B3008C



330028



# Inverse Universe

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



E681D0



FF78E2



81E6C9



736770



B3008C



330028



# Previews

## White Background



This preview shows how the Hex color E681D0 looks on a white background.

## Color Contrast Check

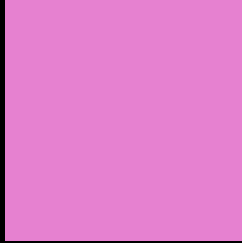
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E681D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

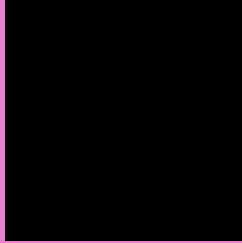
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E681D0 Background



This preview shows how black text looks on a background with the Hex color E681D0.



This preview shows how white text looks on a background with the Hex color E681D0.

# 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



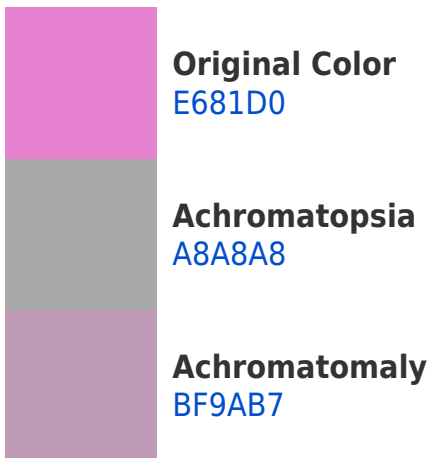


**Tritanopia**  
DF8D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E681D0 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 #E681D0 looks like.

```
.text, #text, p{  
    color:#E681D0  
}
```

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 #E681D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E681D0
}
```

## Border

The CSS property to change the border of an element to Hex E681D0 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
#E681D0 }
```

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

```
.border{ border-color:#E681D0 }
```

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

Here you see how a box with a 4 pixel #E681D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E681D0; -webkit-box-shadow:4px 4px  
4px 4px #E681D0; box-shadow:4px 4px 4px  
4px #E681D0 }
```

# Background

The CSS property to change the background color of an element to Hex E681D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E681D0 }
```

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

```
.background{ background-color:#E681D0 }
```

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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