

# Converting Colors

Hex(E685C6)

Have a look what the booklet for  
Hex(E685C6) contains.

<b>Hex(E685C6)</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(E685C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E685C6
RGB	230, 133, 198
RGB Percent	90%, 52%, 78%
CMY	0.0980, 0.4784, 0.2235
CMYK	0.00, 0.42, 0.14, 0.10
HSL	320°, 66%, 71%
HSV	320°, 42%, 90%
XYZ	51.2137, 37.6753, 57.9989
YIQ	169.4130, 36.9470, 40.7790

# Conversions

## Conversions Part 2

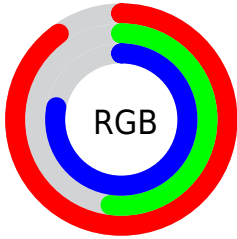
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 133, 198
Decimal	15107526
CIE <sub>Lab</sub>	67.78, 45.74, -17.68
CIE <sub>LCh</sub>	68, 49.040, 338.873
Yxy	37.6753, 0.3487, 0.2565
Android (android.graphics.Color)	4293297606 (0xFFE685C6)
YUV	169.4130, 14.0934, 53.1348
Hunter-Lab	61.3802, 41.5195, -13.0577

# Details

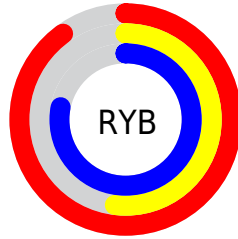
The Hex color **E685C6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85E6A5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBCFF**, and **AD5090** is the 20% darker color. If you saturate the color by 10%, you get **E66EBE**, and if you desaturate by 10%, it is **E69CCE**.

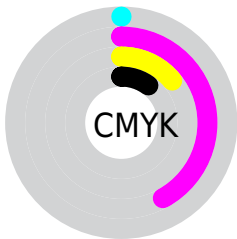
# Distribution



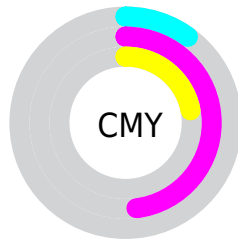
- Red (90%)
- Green (52%)
- Blue (78%)



- Red (90%)
- Yellow (52%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E685C6 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 E685C6 by changing the saturation by 10% instead.



 E685C6

 E685C6


FFFFFF

 C96AAB

 FFBCFF

 AD5090

 FFD8FF

 913676

 FFF5FF

 761A5E

 5B0046

 41002F

 2B001B

 000000

 E685C6

 E685C6

 E66EBE

 E69CCE

 E657B7

 E6B3D5

 E640AF

 E6CADD

 E629A8

 E6E1E4

 E612A0

 E6F8EC

 E6009A

 E6FFF4

 E6FFFB

 E6FFFF

# Harmonies

## Analogous

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



BA94EA



E685C6



F8809A

# Triad

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



E685C6



B3A74A



00BADB

# Complementary

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



E685C6



85E6A5

# 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.



00BCB1



E685C6



83B25E

# Square

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



E685C6



D99752



43B984



00B2F7

# Rectangle

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



E685C6



F7847D



43B984



00BBCE



# Sweetspot

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



E685C6



FFDEF4



A485E6



806B79



000000



808080



# Same Dimension

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



E685C6



FF7DD4



E68597



73676F



B30078



330022



# Inverse Universe

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



E685C6



FF7DD4



85E6D4



73676F



B30078

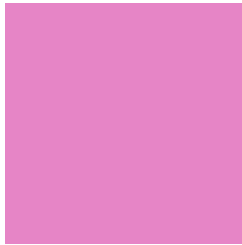


330022



# Previews

## White Background



This preview shows how the Hex color E685C6 looks on a white background.

## Color Contrast Check

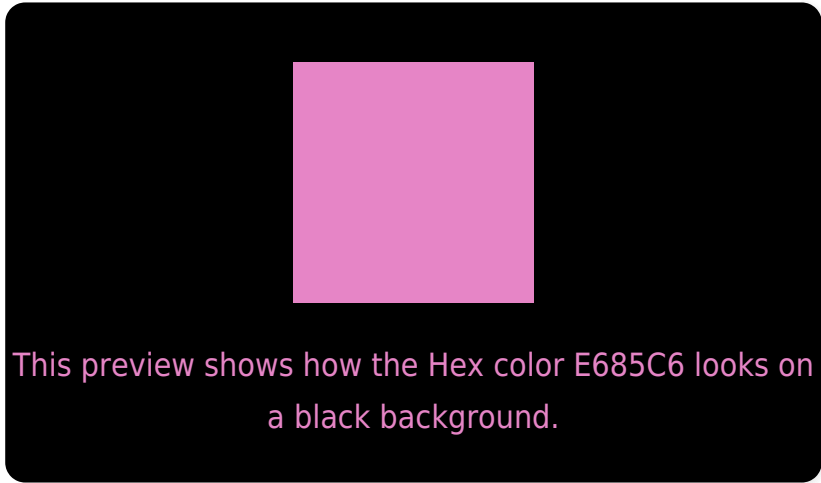
Large Text (above 18pt) WCAG AA × Fail

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 E685C6 Background



This preview shows how black text looks on a background with the Hex color E685C6.

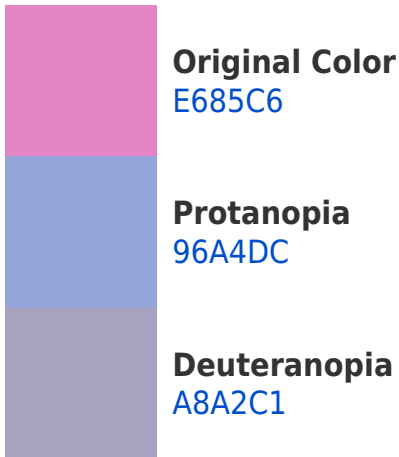


This preview shows how white text looks on a background with the Hex color E685C6.

# 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**  
E18E99

# Trichromacy



**Original Color**  
E685C6



**Protanomaly**  
B399D4



**Deuteranomaly**  
BF97C3

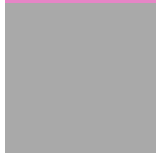


**Tritanomaly**  
E38BA9

# Monochromacy



**Original Color**  
E685C6



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
BF9CB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E685C6 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 #E685C6 looks like.

```
.text, #text, p{  
    color:#E685C6  
}
```

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 #E685C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E685C6
}
```

## Border

The CSS property to change the border of an element to Hex E685C6 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
#E685C6 }
```

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

```
.border{ border-color:#E685C6 }
```

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

Here you see how a box with a 4 pixel #E685C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E685C6; -webkit-box-shadow:4px 4px  
4px 4px #E685C6; box-shadow:4px 4px 4px  
4px #E685C6 }
```

# Background

The CSS property to change the background color of an element to Hex E685C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E685C6 }
```

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

```
.background{ background-color:#E685C6 }
```

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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