

# Converting Colors

Hex(E65CC9)

Have a look what the booklet for  
Hex(E65CC9) contains.

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# **Color**

**Hex(E65CC9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E65CC9
RGB	230, 92, 201
RGB Percent	90%, 36%, 79%
CMY	0.0980, 0.6392, 0.2118
CMYK	0.00, 0.60, 0.13, 0.10
HSL	313°, 73%, 63%
HSV	313°, 60%, 90%
XYZ	47.0029, 28.6943, 58.3196
YIQ	145.6880, 47.2590, 63.1550

# Conversions

## Conversions Part 2

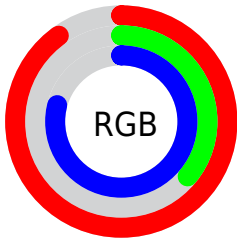
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 92, 201
Decimal	15097033
CIE <sub>Lab</sub>	60.51, 65.61, -30.51
CIE <sub>LCh</sub>	61, 72.354, 335.061
Y <sub>xy</sub>	28.6943, 0.3507, 0.2141
Android (android.graphics.Color)	4293287113 (0xFFE65CC9)
Y <sub>UV</sub>	145.6880, 27.2688, 73.9416
Hunter-Lab	53.5671, 62.8839, -27.0533

# Details

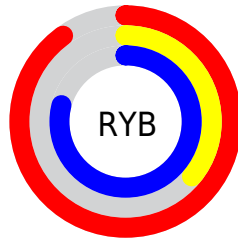
The Hex color **E65CC9** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5CE679**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF95FF**, and **AB1B93** is the 20% darker color. If you saturate the color by 10%, you get **E645C4**, and if you desaturate by 10%, it is **E673CE**.

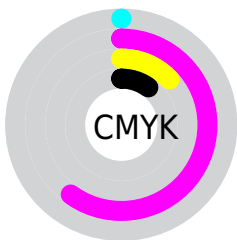
# Distribution



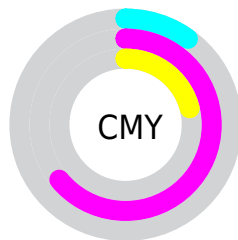
- Red (90%)
- Green (36%)
- Blue (79%)



- Red (90%)
- Yellow (36%)
- Blue (79%)



- Cyan (0%)
- Magenta (60%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E65CC9 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 E65CC9 by changing the saturation by 10% instead.



 E65CC9

 E65CC9

FFFFFF

 C83EAD

 FF95FF

 AB1B93

 FFB2FF

 8F0079

 FFCFFF

 730060

 FFECCF

 570047

 3E0031

 20001B

 000000

 E65CC9

 E65CC9

 E645C4

 E673CE

 E62EBF

 E68AD3

 E617BA

 E6A1D7

 E600B6

 E6B8DC

 E6CFE1

 E6E6E6

 E6FDEB

 E6FFF0

 E6FFF5

# Harmonies

## Analogous

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



9F7CFB



E65CC9



FF4B8A

# Triad

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



E65CC9



A59300



00AEDA

# Complementary

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



E65CC9



5CE679

# 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.



00AF9B



E65CC9



62A314

# Square

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



E65CC9



D97A0B



00AB59



00A7FF

# Rectangle

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



E65CC9



FF5460



00AB59



00AFC6



# Sweetspot

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



E65CC9



FFD1F5



785CE6



80637A



000000



808080



# Same Dimension

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



E65CC9



FF47D8



E65C85



736770



B3008D



330028



# Inverse Universe

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



E65CC9



FF47D8



5CE6BD



736770



B3008D

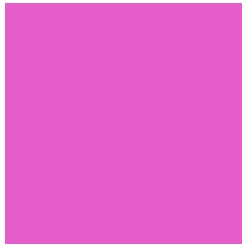


330028



# Previews

## White Background



This preview shows how the Hex color E65CC9 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E65CC9 Background



This preview shows how black text looks on a background with the Hex color E65CC9.



This preview shows how white text looks on a background with the Hex color E65CC9.

# 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





# Trichromacy



**Original Color**  
E65CC9



**Protanomaly**  
977CE4



**Deuteranomaly**  
AA7DC4



**Tritanomaly**  
E16996

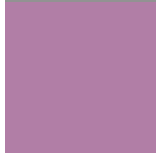
# Monochromacy



**Original Color**  
E65CC9



**Achromatopsia**  
929292



**Achromatomaly**  
B17EA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E65CC9 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 #E65CC9 looks like.

```
.text, #text, p{  
    color:#E65CC9  
}
```

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 #E65CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65CC9
}
```

## Border

The CSS property to change the border of an element to Hex E65CC9 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
#E65CC9 }
```

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

```
.border{ border-color:#E65CC9 }
```

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

Here you see how a box with a 4 pixel #E65CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65CC9; -webkit-box-shadow:4px 4px  
4px 4px #E65CC9; box-shadow:4px 4px 4px  
4px #E65CC9 }
```

# Background

The CSS property to change the background color of an element to Hex E65CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65CC9 }
```

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

```
.background{ background-color:#E65CC9 }
```

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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