

# Converting Colors

Hex(EE61CC)

Have a look what the booklet for  
Hex(EE61CC) contains.

|  |    |
|--|----|
| <b>Hex(EE61CC)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(**EE61CC**)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EE61CC                     |
| RGB         | 238, 97, 204               |
| RGB Percent | 93%, 38%, 80%              |
| CMY         | 0.0667, 0.6196, 0.2000     |
| CMYK        | 0.00, 0.59, 0.14, 0.07     |
| HSL         | 314°, 81%, 66%             |
| HSV         | 314°, 59%, 93%             |
| XYZ         | 50.4337, 31.0862, 60.4688  |
| YIQ         | 151.3570, 49.6890, 63.1690 |

# Conversions

## Conversions Part 2

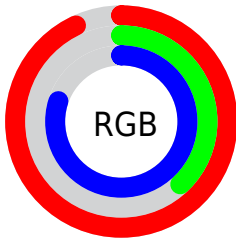
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 238, 97, 204                  |
| Decimal                             | 15622604                      |
| CIE <sub>Lab</sub>                  | 62.58, 66.08, -28.91          |
| CIE <sub>LCh</sub>                  | 63, 72.130, 336.371           |
| Yxy                                 | 31.0862, 0.3552,<br>0.2189    |
| Android<br>(android.graphics.Color) | 4293812684<br>(0xFFEE61CC)    |
| YUV                                 | 151.3570, 25.9530,<br>75.9859 |
| Hunter-Lab                          | 55.7550, 63.8926,<br>-25.2742 |

# Details

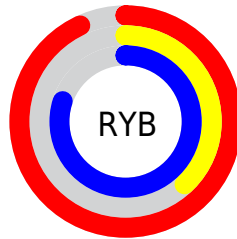
The Hex color **EE61CC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **61EE83**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF9AFF**, and **B32296** is the 20% darker color. If you saturate the color by 10%, you get **EE49C6**, and if you desaturate by 10%, it is **EE79D2**.

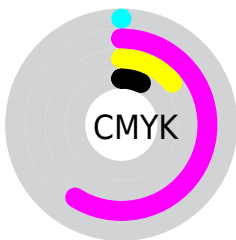
# Distribution



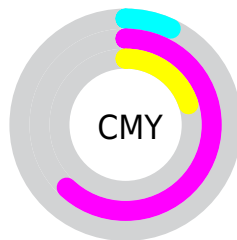
- Red (93%)
- Green (38%)
- Blue (80%)



- Red (93%)
- Yellow (38%)
- Blue (80%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (62%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE61CC 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 EE61CC by changing the saturation by 10% instead.



 EE61CC

 EE61CC

FFFFFF

 D044B0

 FF9AFF

 B32296

 FFB7FF

 96007B

 FFD4FF

 7A0062

 FFF2FF

 5E004A

 440033

 28001D

 000000

 EE61CC

 EE61CC

EE49C6

EE79D2

EE31C1

EE91D7

EE1ABB

EEA8DD

EE02B5

EEC0E3

EE00B5

EED8E9

EEF0EE

EEFFF4

EEFFFA

EEFFFF

# Harmonies

## Analogous

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



A980FF



EE61CC



FF538C

# Triad

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



EE61CC



A99900



00B3E2

# Complementary

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



EE61CC



61EE83

# 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.



00B5A4



EE61CC



65A920

# Square

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



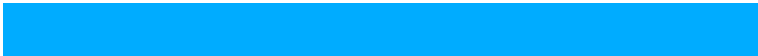
EE61CC



DD8111



00B161



00ACFF

# Rectangle

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



EE61CC



FF5C63



00B161



00B4CF



# Sweetspot

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



EE61CC



FFD1F4



8261EE



806379



000000



808080



# Same Dimension

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



EE61CC



FF4AD3



EE6187



786C75



B8008B



38002B



# Inverse Universe

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



EE61CC



FF4AD3



61EEC8



786C75



B8008B



38002B



# Previews

## White Background



This preview shows how the Hex color EE61CC looks on a white background.

## Color Contrast Check

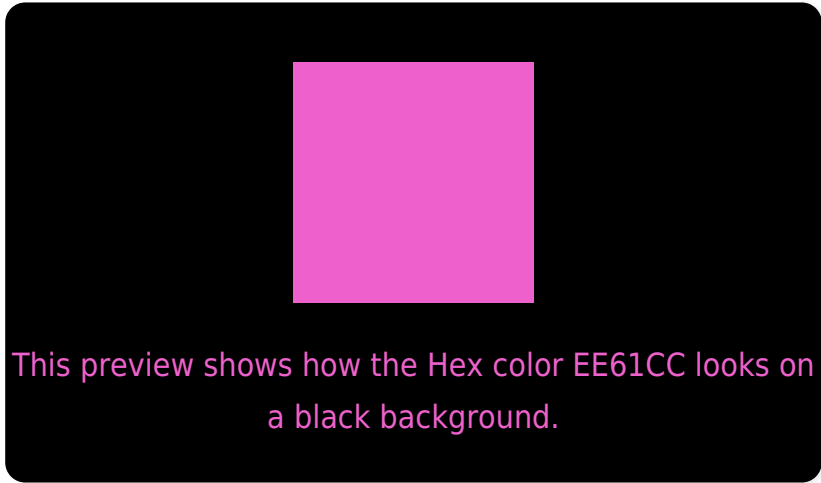
Large Text (above 18pt) WCAG AA × Fail

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 EE61CC Background



This preview shows how black text looks on a background with the Hex color EE61CC.



This preview shows how white text looks on a background with the Hex color EE61CC.

# 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**  
E6757D

# Trichromacy



**Original Color**  
EE61CC



**Protanomaly**  
9F82E6



**Deuteranomaly**  
B282C7



**Tritanomaly**  
E96E9A

# Monochromacy



**Original Color**  
EE61CC



**Achromatopsia**  
979797



**Achromatomaly**  
B783AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE61CC 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 #EE61CC looks like.

```
.text, #text, p{  
    color:#EE61CC  
}
```

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 #EE61CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE61CC
}
```

## Border

The CSS property to change the border of an element to Hex EE61CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

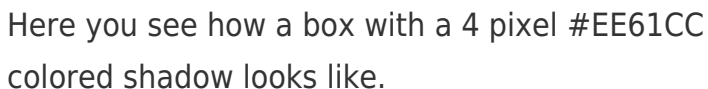
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EE61CC }
```

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

```
.border{ border-color:#EE61CC }
```

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



Here you see how a box with a 4 pixel `#EE61CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE61CC; -webkit-box-shadow:4px 4px  
4px 4px #EE61CC; box-shadow:4px 4px 4px  
4px #EE61CC }
```

# Background

The CSS property to change the background color of an element to Hex EE61CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE61CC }
```

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

```
.background{ background-color:#EE61CC }
```

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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