

# Converting Colors

Hex(E66ED9)

Have a look what the booklet for  
Hex(E66ED9) contains.

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# Color

**Hex(E66ED9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E66ED9
RGB	230, 110, 217
RGB Percent	90%, 43%, 85%
CMY	0.0980, 0.5686, 0.1490
CMYK	0.00, 0.52, 0.06, 0.10
HSL	306°, 71%, 67%
HSV	306°, 52%, 90%
XYZ	50.7334, 32.9846, 69.3384
YIQ	158.0780, 37.1730, 58.7170

# Conversions

## Conversions Part 2

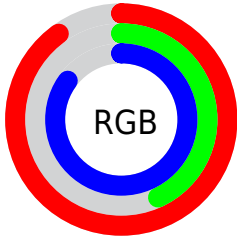
Format	Color
R <sub>Y</sub> B	230, 110, 217
Decimal	15101657
CIE Lab	64.15, 60.12, -33.88
CIE LCh	64, 69.013, 330.598
Yxy	32.9846, 0.3315, 0.2155
Android (android.graphics.Color)	4293291737 (0xFFE66ED9)
YUV	158.0780, 29.0485, 63.0756
Hunter-Lab	57.4322, 57.1737, -31.3787

# Details

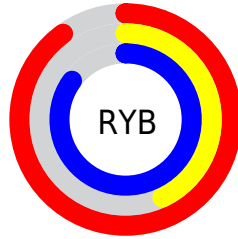
The Hex color **E66ED9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6EE67B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA6FF**, and **AC35A2** is the 20% darker color. If you saturate the color by 10%, you get **E657D7**, and if you desaturate by 10%, it is **E685DB**.

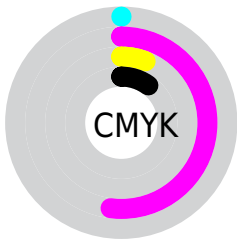
# Distribution



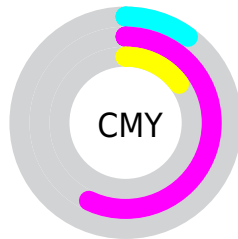
- Red (90%)
- Green (43%)
- Blue (85%)



- Red (90%)
- Yellow (43%)
- Blue (85%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (57%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E66ED9 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 E66ED9 by changing the saturation by 10% instead.



 E66ED9

FFFFFF

 FFA6FF

 FFC2FF

 FFDFFF

 FFFDFF

 E66ED9

 C952BD

 AC35A2

 901287

 74006E

 590055

 3F003D

 250027

 00010F

 000000

 E66ED9

 E66ED9

 E657D7

 E685DB

 E640D4

 E69CDE

 E629D2

 E6B3E0

 E612CF

 E6CAE3

 E600CD

 E6E1E5

 E6F8E8

 E6FFEA

 E6FFED

 E6FFEF

# Harmonies

## Analogous

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



9B8AFF



E66ED9



FF5D9D

# Triad

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



E66ED9



B89900



00B7D9

# Complementary

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



E66ED9



6EE67B

# 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.



00B89B



E66ED9



7AAA22

# Square

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



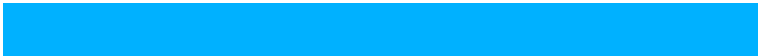
E66ED9



E8812B



00B45B



00B1FF

# Rectangle

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



E66ED9



FF6174



00B45B



00B8C5



# Sweetspot

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



E66ED9



FFD6FB



7A6EE6



80677D



000000



808080



# Same Dimension

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



E66ED9



FF5EEE



E66E9E



736772



B3009F



33002D



# Inverse Universe

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



E66ED9



FF5EEE



6EE6B6



736772



B3009F

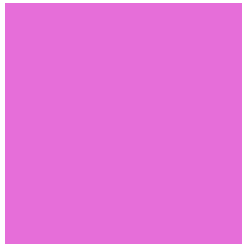


33002D



# Previews

## White Background



This preview shows how the Hex color E66ED9 looks on a white background.

## Color Contrast Check

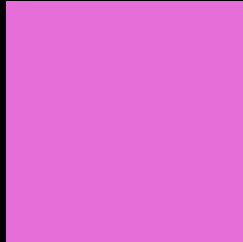
Large Text (above 18pt) WCAG AA × Fail

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 E66ED9 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 E66ED9 Background



This preview shows how black text looks on a background with the Hex color E66ED9.

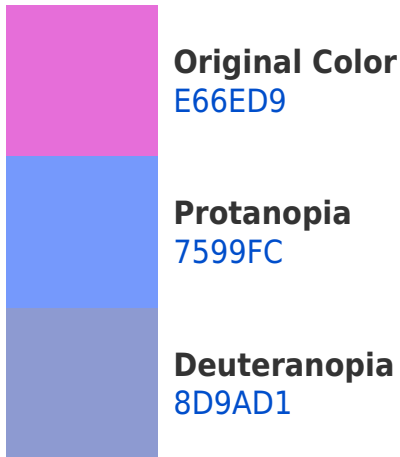


This preview shows how white text looks on a background with the Hex color E66ED9.

# 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](#).

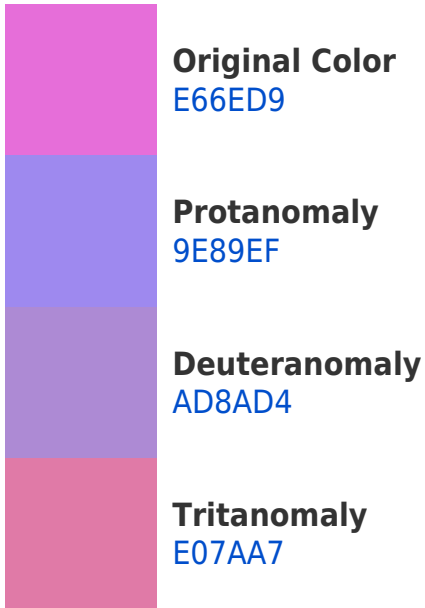
## Dichromacy





**Tritanopia**  
DD818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E66ED9 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 #E66ED9 looks like.

```
.text, #text, p{  
    color:#E66ED9  
}
```

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 #E66ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E66ED9
}
```

## Border

The CSS property to change the border of an element to Hex E66ED9 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
#E66ED9 }
```

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

```
.border{ border-color:#E66ED9 }
```

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

Here you see how a box with a 4 pixel #E66ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E66ED9; -webkit-box-shadow:4px 4px  
4px 4px #E66ED9; box-shadow:4px 4px 4px  
4px #E66ED9 }
```

# Background

The CSS property to change the background color of an element to Hex E66ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E66ED9 }
```

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

```
.background{ background-color:#E66ED9 }
```

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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