

# Converting Colors

Hex(E96CC0)

Have a look what the booklet for  
Hex(E96CC0) contains.

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# **Color**

**Hex(E96CC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E96CC0
RGB	233, 108, 192
RGB Percent	91%, 42%, 75%
CMY	0.0863, 0.5765, 0.2471
CMYK	0.00, 0.54, 0.18, 0.09
HSL	320°, 74%, 67%
HSV	320°, 54%, 91%
XYZ	48.4813, 31.8545, 53.4625
YIQ	154.9510, 47.5360, 52.6240

# Conversions

## Conversions Part 2

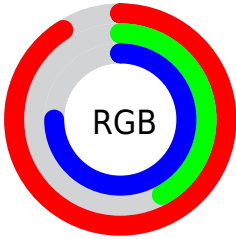
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 108, 192
Decimal	15297728
CIE <sub>Lab</sub>	63.22, 58.02, -21.19
CIE <sub>LCh</sub>	63, 61.771, 339.936
Yxy	31.8545, 0.3623, 0.2381
Android (android.graphics.Color)	4293487808 (0xFFE96CC0)
YUV	154.9510, 18.2652, 68.4490
Hunter-Lab	56.4398, 54.5601, -16.6544

# Details

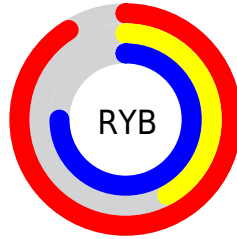
The Hex color **E96CC0** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6CE995**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA4F9**, and **AE338A** is the 20% darker color. If you saturate the color by 10%, you get **E955B8**, and if you desaturate by 10%, it is **E983C8**.

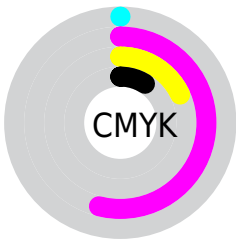
# Distribution



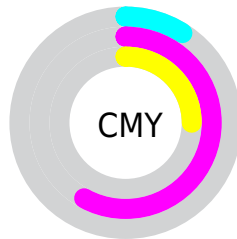
- Red (91%)
- Green (42%)
- Blue (75%)



- Red (91%)
- Yellow (42%)
- Blue (75%)



- Cyan (0%)
- Magenta (54%)
- Yellow (18%)
- Black (9%)



- Cyan (9%)
- Magenta (58%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E96CC0 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 E96CC0 by changing the saturation by 10% instead.



 E96CC0

 E96CC0

FFFFFF

 CB50A5

 FFA4F9

 AE338A

 FFC0FF

 920F71

 FFDDFF

 760058

 FFFBFF

 5B0041

 41002A

 260015

 000000

 E96CC0

 E96CC0

 E955B8

 E983C8

 E93DB1

 E99BCF

 E926A9

 E9B2D7

 E90FA1

 E9C9DF

 E9009D

 E9E1E6

 E9F8EE

 E9FFF5

 E9FFFD

 E9FFFF

# Harmonies

## Analogous

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



B382EE



E96CC0



FD6589

# Triad

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



E96CC0



A49C1E



00B1DE

# Complementary

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



E96CC0



6CE995

# 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.



00B3AA



E96CC0



68A93E

# Square

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



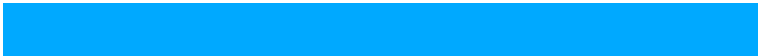
E96CC0



D3892C



00B171



00A9FF

# Rectangle

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



E96CC0



F96C65



00B171



00B3CE



# Sweetspot

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



E96CC0



FFD6F2



946CE9



806778



000000



808080



# Same Dimension

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



E96CC0



FF5CC9



E96C83



756A71



B5007A



360024



# Inverse Universe

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



E96CC0



FF5CC9



6CE9D2



756A71



B5007A



360024



# Previews

## White Background



This preview shows how the Hex color E96CC0 looks on a white background.

## Color Contrast Check

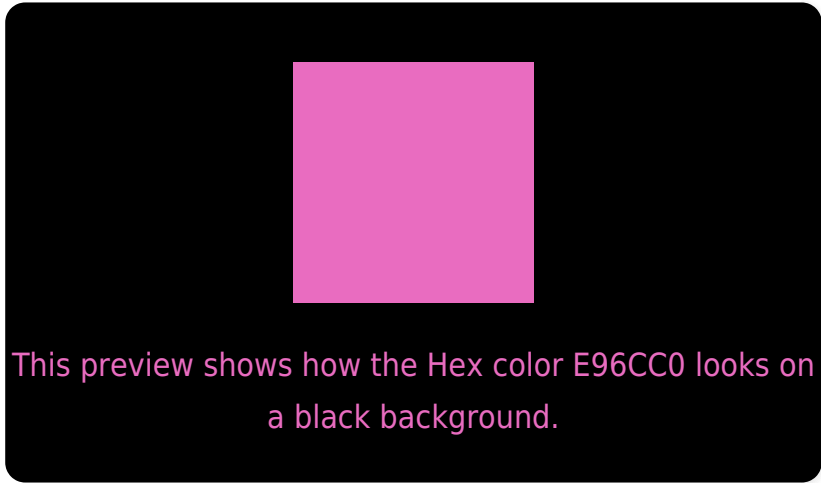
Large Text (above 18pt) WCAG AA × Fail

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 E96CC0 Background



This preview shows how black text looks on a background with the Hex color E96CC0.




This preview shows how white text looks on a background with the Hex color E96CC0.

# 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**  
E37A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E96CC0 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 #E96CC0 looks like.

```
.text, #text, p{  
    color:#E96CC0  
}
```

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 #E96CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96CC0  
}
```

## Border

The CSS property to change the border of an element to Hex E96CC0 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  
#E96CC0 }
```

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

```
.border{ border-color:#E96CC0 }
```

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

Here you see how a box with a 4 pixel #E96CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96CC0; -webkit-box-shadow:4px 4px  
4px 4px #E96CC0; box-shadow:4px 4px 4px  
4px #E96CC0 }
```

# Background

The CSS property to change the background color of an element to Hex E96CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96CC0 }
```

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

```
.background{ background-color:#E96CC0 }
```

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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