

# Converting Colors

Hex(E96CEB)

Have a look what the booklet for  
Hex(E96CEB) contains.

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# Color

Hex(E96CEB)

# Conversions

## Conversions Part 1

Format	Color
Hex	E96CEB
RGB	233, 108, 235
RGB Percent	91%, 42%, 92%
CMY	0.0863, 0.5765, 0.0784
CMYK	0.01, 0.54, 0.00, 0.08
HSL	299°, 76%, 67%
HSV	299°, 54%, 92%
XYZ	53.9622, 34.0469, 82.3249
YIQ	159.8530, 33.7330, 65.9970

# Conversions

## Conversions Part 2

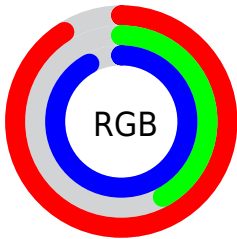
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 108, 235
Decimal	15297771
CIE <sub>Lab</sub>	65.00, 64.88, -42.55
CIE <sub>LCh</sub>	65, 77.588, 326.745
Yxy	34.0469, 0.3168, 0.1999
Android (android.graphics.Color)	4293487851 (0xFFE96CEB)
YUV	159.8530, 37.0475, 64.1499
Hunter-Lab	58.3497, 62.9660, -42.8066

# Details

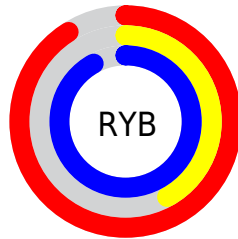
The Hex color **E96CEB** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6EEB6C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA4FF**, and **AE32B3** is the 20% darker color. If you saturate the color by 10%, you get **E955EB**, and if you desaturate by 10%, it is **E984EB**.

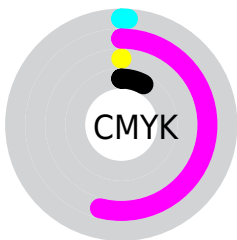
# Distribution



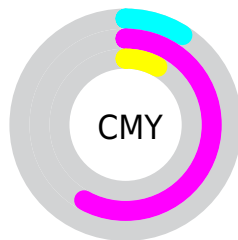
- Red (91%)
- Green (42%)
- Blue (92%)



- Red (91%)
- Yellow (42%)
- Blue (92%)



- Cyan (1%)
- Magenta (54%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (58%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E96CEB 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 E96CEB by changing the saturation by 10% instead.



 E96CEB

 E96CEB

FFFFFF

 CB50CF

 FFA4FF

 AE32B3

 FFC1FF

 920698

 FFDEFF

 76007D

 FFFCFF

 5A0064

 40004B

 260034

 00011D

 000000

 E96CEB

 E96CEB

 E955EB

 E984EB

 E83DEB

 EA9BEB

 E825EB

 EAB3EB

 E80EEB

 EACAEB

 E700EB

 EBE2EB

 EBF9EB

 ECFFEB

# Harmonies

## Analogous

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



8A8FFF



E96CEB



FF52A8

# Triad

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



E96CEB



C49800



00BDDB

# Complementary

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



E96CEB



6EEB6C

# 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.



00BC94



E96CEB



80AC00

# Square

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



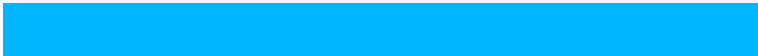
E96CEB



F77B22



00B74C



00B7FF

# Rectangle

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



E96CEB



FF547A



00B74C



00BDC4



# Sweetspot

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



E96CEB



FED6FF



6C6EEB



7F6780



000000



808080



# Same Dimension

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



E96CEB



FC59FF



EB6CAE



756A75



B200B5



350036



# Inverse Universe

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



EB6C6E



FF595C



6CEBA9



756A6A



B50003

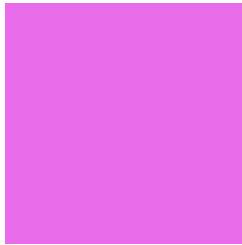


360001



# Previews

## White Background



This preview shows how the Hex color E96CEB 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

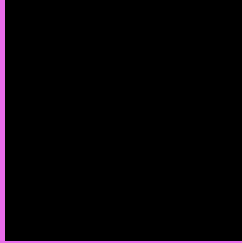
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E96CEB Background



This preview shows how black text looks on a background with the Hex color E96CEB.

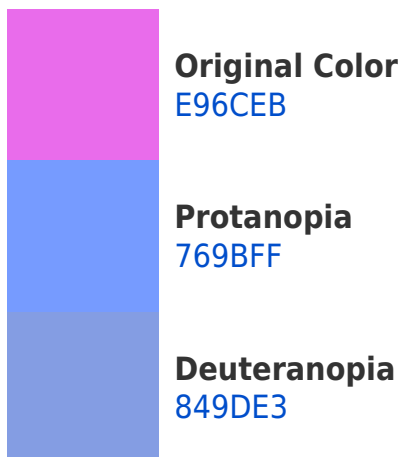



This preview shows how white text looks on a background with the Hex color E96CEB.

# 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**  
DE848E

# Trichromacy



**Original Color**  
E96CEB



**Protanomaly**  
A08AF8



**Deuteranomaly**  
A98BE6



**Tritanomaly**  
E27BB0

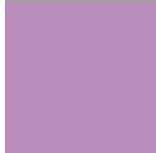
# Monochromacy



**Original Color**  
E96CEB



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
BB8DBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E96CEB 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 #E96CEB looks like.

```
.text, #text, p{  
    color:#E96CEB  
}
```

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 #E96CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96CEB
}
```

## Border

The CSS property to change the border of an element to Hex E96CEB 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
#E96CEB }
```

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

```
.border{ border-color:#E96CEB }
```

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

Here you see how a box with a 4 pixel #E96CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96CEB; -webkit-box-shadow:4px 4px  
4px 4px #E96CEB; box-shadow:4px 4px 4px  
4px #E96CEB }
```

# Background

The CSS property to change the background color of an element to Hex E96CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96CEB }
```

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

```
.background{ background-color:#E96CEB }
```

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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