

# Converting Colors

Hex(ED96C8)

Have a look what the booklet for  
Hex(ED96C8) contains.

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# **Color**

**Hex(ED96C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED96C8
RGB	237, 150, 200
RGB Percent	93%, 59%, 78%
CMY	0.0706, 0.4118, 0.2157
CMYK	0.00, 0.37, 0.16, 0.07
HSL	326°, 71%, 76%
HSV	326°, 37%, 93%
XYZ	56.2567, 43.9873, 60.1689
YIQ	181.7130, 35.8020, 33.9940

# Conversions

## Conversions Part 2

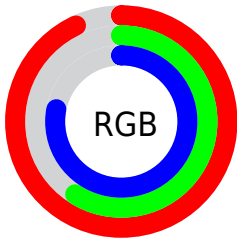
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	237, 150, 200
Decimal	15570632
CIE Lab	72.22, 39.55, -12.02
CIE LCh	72, 41.333, 343.096
Yxy	43.9873, 0.3507, 0.2742
Android (android.graphics.Color)	4293760712 (0xFFED96C8)
YUV	181.7130, 9.0155, 48.4867
Hunter-Lab	66.3230, 35.3428, -7.3625

# Details

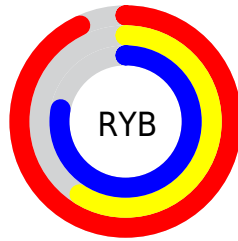
The Hex color **ED96C8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **96EDBB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFCDFF**, and **B46192** is the 20% darker color. If you saturate the color by 10%, you get **ED7EBE**, and if you desaturate by 10%, it is **EDAED2**.

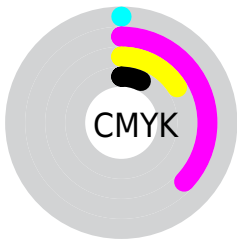
# Distribution



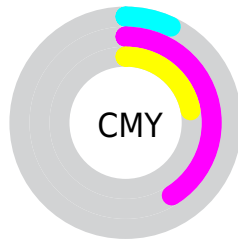
- Red (93%)
- Green (59%)
- Blue (78%)



- Red (93%)
- Yellow (59%)
- Blue (78%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED96C8 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 ED96C8 by changing the saturation by 10% instead.



 ED96C8

 ED96C8

FFFFFF

 D07BAD

 FFCDFD

 B46192

 FFEAFF

 984878

 7D2F60

 621448

 490031

 31001D

 0F0000

 000000

 ED96C8

 ED96C8

 ED7EBE

 EDAED2

 ED67B4

 EDC5DC

 ED4FAA

 EDDDE6

 ED37A0

 EDF5F0

 ED1F96

 EDFFFA

 ED088C

 EDFFFF

 ED0088

# Harmonies

## Analogous

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



CAA1E8



ED96C8



FA93A2

# Triad

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



ED96C8



B9B466



00C2E4

# Complementary

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



ED96C8



96EDBB

# 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.



13C5C1



ED96C8



8FBE78

# Square

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



ED96C8



DCA769



5EC49A



4EBBF9

# Rectangle

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



ED96C8



F8978A



5EC49A



00C4D9



# Sweetspot

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



ED96C8



FFE3F3



BA96ED



806F78



000000



808080



# Same Dimension

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



ED96C8



FF8FCF



ED969D



756A70



B50068



36001F



# Inverse Universe

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



ED96C8



FF8FCF



96EDE6



756A70



B50068



36001F



# Previews

## White Background



This preview shows how the Hex color ED96C8 looks on a white background.

## Color Contrast Check

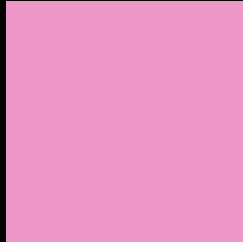
Large Text (above 18pt) WCAG AA × Fail

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 ED96C8 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 ED96C8 Background



This preview shows how black text looks on a background with the Hex color ED96C8.

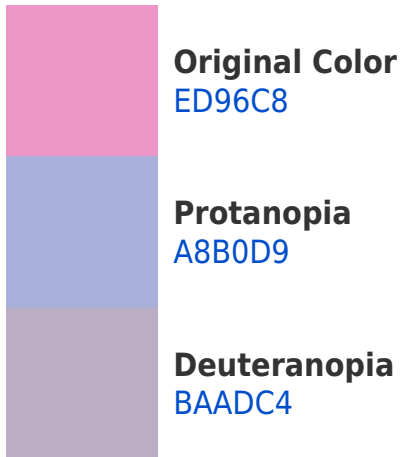


This preview shows how white text looks on a background with the Hex color ED96C8.

# 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**  
E99CA8

# Trichromacy



**Original Color**  
ED96C8



**Protanomaly**  
C1A7D3



**Deuteranomaly**  
CDA5C5

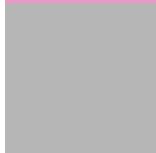


**Tritanomaly**  
EA9AB4

# Monochromacy



**Original Color**  
ED96C8



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
CAAABD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED96C8 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 #ED96C8 looks like.

```
.text, #text, p{  
    color:#ED96C8  
}
```

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 #ED96C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED96C8  
}
```

## Border

The CSS property to change the border of an element to Hex ED96C8 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  
#ED96C8 }
```

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

```
.border{ border-color:#ED96C8 }
```

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

Here you see how a box with a 4 pixel #ED96C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED96C8; -webkit-box-shadow:4px 4px  
4px 4px #ED96C8; box-shadow:4px 4px 4px  
4px #ED96C8 }
```

# Background

The CSS property to change the background color of an element to Hex ED96C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED96C8 }
```

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

```
.background{ background-color:#ED96C8 }
```

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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