

# Converting Colors

Hex(ED6BB9)

Have a look what the booklet for  
Hex(ED6BB9) contains.

<b>Hex(ED6BB9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ED6BB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED6BB9
RGB	237, 107, 185
RGB Percent	93%, 42%, 73%
CMY	0.0706, 0.5804, 0.2745
CMYK	0.00, 0.55, 0.22, 0.07
HSL	324°, 78%, 67%
HSV	324°, 55%, 93%
XYZ	48.9397, 32.0227, 49.5005
YIQ	154.7620, 52.4420, 51.8180

# Conversions

## Conversions Part 2

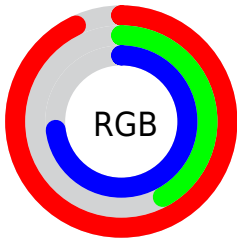
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 107, 185
Decimal	15559609
CIE <sub>Lab</sub>	63.36, 58.68, -16.95
CIE <sub>LCh</sub>	63, 61.078, 343.884
Yxy	32.0227, 0.3751, 0.2455
Android (android.graphics.Color)	4293749689 (0xFFED6BB9)
YUV	154.7620, 14.9073, 72.1227
Hunter-Lab	56.5886, 55.3427, -12.2515

# Details

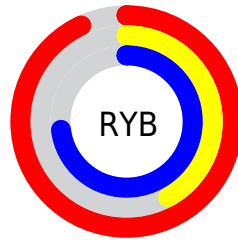
The Hex color **ED6BB9** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6BED9F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA3F1**, and **B23284** is the 20% darker color. If you saturate the color by 10%, you get **ED53B0**, and if you desaturate by 10%, it is **ED83C2**.

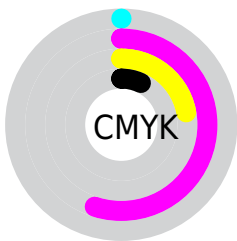
# Distribution



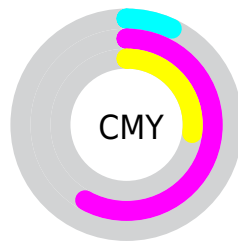
- Red (93%)
- Green (42%)
- Blue (73%)



- Red (93%)
- Yellow (42%)
- Blue (73%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (58%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED6BB9 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 ED6BB9 by changing the saturation by 10% instead.



 ED6BB9

 ED6BB9

FFFFFF

 CF4F9E

 FFA3F1

 B23284

 FFBFFF

 950B6B

 FFDCCF

 790052

 FFFAFF

 5E003B

 430025

 29000E

 000000

 ED6BB9

 ED6BB9

 ED53B0

 ED83C2

 ED3CA6

 ED9ACC

 ED249D

 EDB2D5

 ED0C93

 EDCADF

 ED008E

 EDE2E8

 EDF9F2

 EDFFFB

 EDFFFF

# Harmonies

## Analogous

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



BD80E8



ED6BB9



FC6782

# Triad

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



ED6BB9



9E9F23



00B1E4

# Complementary

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



ED6BB9



6BED9F

# 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.



00B4B2



ED6BB9



60AB46

# Square

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



ED6BB9



CE8C2A



00B279



00A8FF

# Rectangle

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



ED6BB9



F76F60



00B279



00B2D5



# Sweetspot

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



ED6BB9



FFD6EF



9F6BED



806776



000000



808080



# Same Dimension

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



ED6BB9



FF57BC



ED6B78



756A71



B5006D



360020



# Inverse Universe

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



ED6BB9



FF57BC



6BEDE0



756A71



B5006D



360020



# Previews

## White Background



This preview shows how the Hex color ED6BB9 looks on a white background.

## Color Contrast Check

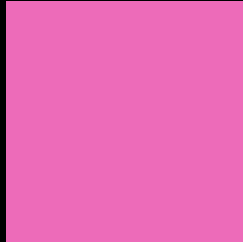
Large Text (above 18pt) WCAG AA × Fail

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 ED6BB9 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 ED6BB9 Background



This preview shows how black text looks on a background with the Hex color ED6BB9.

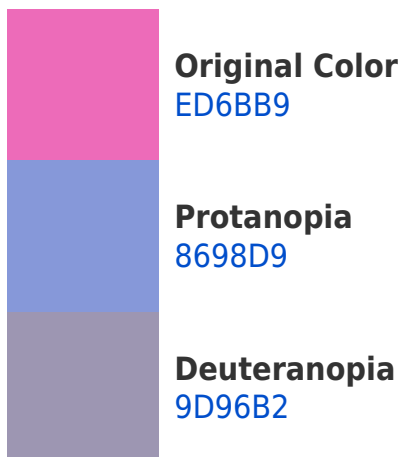


This preview shows how white text looks on a background with the Hex color ED6BB9.

# 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**  
E87880

# Trichromacy



**Original Color**  
ED6BB9



**Protanomaly**  
AB88CD



**Deuteranomaly**  
BA86B5



**Tritanomaly**  
EA7395

# Monochromacy



**Original Color**  
ED6BB9



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
B98AA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED6BB9 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 #ED6BB9 looks like.

```
.text, #text, p{  
    color:#ED6BB9  
}
```

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 #ED6BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6BB9
}
```

## Border

The CSS property to change the border of an element to Hex ED6BB9 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
#ED6BB9 }
```

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

```
.border{ border-color:#ED6BB9 }
```

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

Here you see how a box with a 4 pixel #ED6BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6BB9; -webkit-box-shadow:4px 4px  
4px 4px #ED6BB9; box-shadow:4px 4px 4px  
4px #ED6BB9 }
```

# Background

The CSS property to change the background color of an element to Hex ED6BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6BB9 }
```

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

```
.background{ background-color:#ED6BB9 }
```

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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