

# Converting Colors

Hex(ED49B4)

Have a look what the booklet for  
Hex(ED49B4) contains.

<b>Hex(ED49B4)</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(ED49B4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED49B4
RGB	237, 73, 180
RGB Percent	93%, 29%, 71%
CMY	0.0706, 0.7137, 0.2941
CMYK	0.00, 0.69, 0.24, 0.07
HSL	321°, 82%, 61%
HSV	321°, 69%, 93%
XYZ	45.5458, 26.0649, 45.8105
YIQ	134.2340, 63.3970, 68.0450

# Conversions

## Conversions Part 2

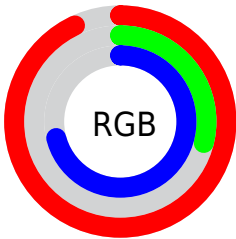
Format	Color
R <sub>YB</sub>	237, 73, 180
Decimal	15550900
CIE <sub>Lab</sub>	58.10, 71.88, -22.11
CIE <sub>LCh</sub>	58, 75.200, 342.903
Yxy	26.0649, 0.3879, 0.2220
Android (android.graphics.Color)	4293740980 (0xFFED49B4)
YUV	134.2340, 22.5626, 90.1258
Hunter-Lab	51.0538, 69.8982, -17.4632

# Details

The Hex color **ED49B4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **49ED82**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF85EC**, and **B1007F** is the 20% darker color. If you saturate the color by 10%, you get **ED31AC**, and if you desaturate by 10%, it is **ED61BC**.

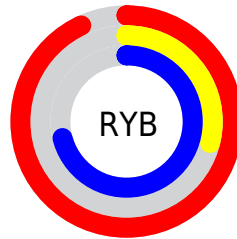
# Distribution



Red (93%)

Green (29%)

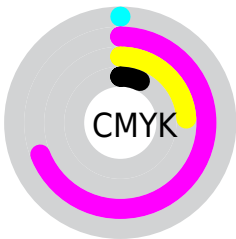
Blue (71%)



Red (93%)

Yellow (29%)

Blue (71%)

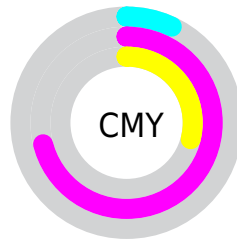


Cyan (0%)

Magenta (69%)

Yellow (24%)

Black (7%)



Cyan (7%)

Magenta (71%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED49B4 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 ED49B4 by changing the saturation by 10% instead.



 ED49B4

 ED49B4

FFFFFF

 CF2599

 FF85EC

 B1007F

 FFA2FF

 940066

 FFC0FF

 77004E

 FFDDFF

 5A0037

 FFFBFF

 400021

 220005

 000000

 ED49B4

 ED49B4

 ED31AC

 ED61BC

 ED1AA4

 ED78C4

 ED029B

 ED90CD

 ED009B

 EDA8D5

 EDC0DD

 EDD7E5

 EDEFEE

 EDFFF6

 EDFFFE

# Harmonies

## Analogous

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



B16CED



ED49B4



FF4072

# Triad

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



ED49B4



8E9200



00A7E4

# Complementary

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



ED49B4



49ED82

# 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.



00A9A7



ED49B4



3E9F1A

# Square

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



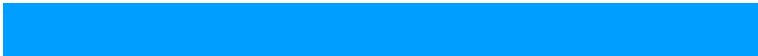
ED49B4



C77B00



00A662



009EFF

# Rectangle

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



ED49B4



F75048



00A662



00A8D2



# Sweetspot

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



ED49B4



FFC9EC



8049ED



806074



000000



808080



# Same Dimension

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



ED49B4



FF2BB5



ED4964



756A71



B50076



360023



# Inverse Universe

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



ED49B4



FF2BB5



49EDD2



756A71



B50076



360023



# Previews

## White Background



This preview shows how the Hex color ED49B4 looks on a white background.

## Color Contrast Check

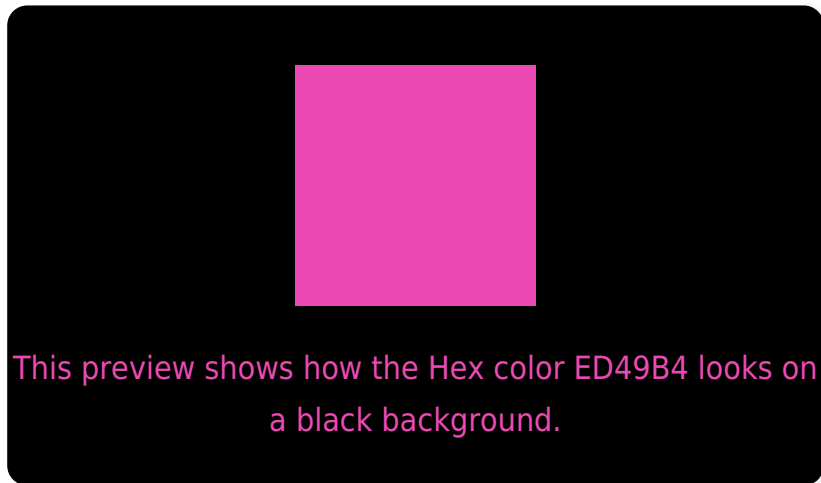
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex ED49B4 Background



This preview shows how black text looks on a background with the Hex color ED49B4.

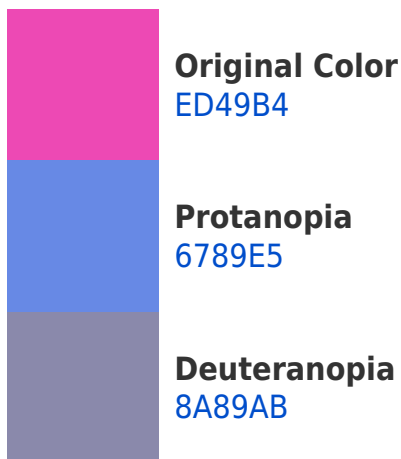


This preview shows how white text looks on a background with the Hex color ED49B4.

# 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**  
E65F65

# Trichromacy



**Original Color**  
ED49B4



**Protanomaly**  
9872D3



**Deuteranomaly**  
AE72AE



**Tritanomaly**  
E95782

# Monochromacy



**Original Color**  
ED49B4



**Achromatopsia**  
868686



**Achromatomaly**  
AB7097

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED49B4 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 #ED49B4 looks like.

```
.text, #text, p{  
    color:#ED49B4  
}
```

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 #ED49B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED49B4
}
```

## Border

The CSS property to change the border of an element to Hex ED49B4 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
#ED49B4 }
```

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

```
.border{ border-color:#ED49B4 }
```

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

Here you see how a box with a 4 pixel #ED49B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED49B4; -webkit-box-shadow:4px 4px  
4px 4px #ED49B4; box-shadow:4px 4px 4px  
4px #ED49B4 }
```

# Background

The CSS property to change the background color of an element to Hex ED49B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED49B4 }
```

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

```
.background{ background-color:#ED49B4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor