

# Converting Colors

Hex(ED50AE)

Have a look what the booklet for  
Hex(ED50AE) contains.

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# Color

**Hex(ED50AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED50AE
RGB	237, 80, 174
RGB Percent	93%, 31%, 68%
CMY	0.0706, 0.6863, 0.3176
CMYK	0.00, 0.66, 0.27, 0.07
HSL	324°, 81%, 62%
HSV	324°, 66%, 93%
XYZ	45.4337, 26.7978, 42.8223
YIQ	137.6590, 63.3980, 62.5180

# Conversions

## Conversions Part 2

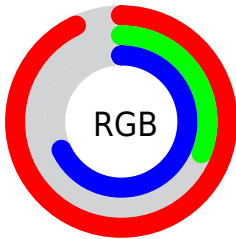
Format	Color
R <sub>Y</sub> B	237, 80, 174
Decimal	15552686
CIE Lab	58.79, 68.59, -17.59
CIE LCh	59, 70.809, 345.617
Yxy	26.7978, 0.3949, 0.2329
Android (android.graphics.Color)	4293742766 (0xFFED50AE)
YUV	137.6590, 17.9161, 87.1221
Hunter-Lab	51.7666, 66.0714, -12.8091

# Details

The Hex color **ED50AE** 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 **50ED8F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF8BE6**, and **B10079** is the 20% darker color. If you saturate the color by 10%, you get **ED38A4**, and if you desaturate by 10%, it is **ED68B8**.

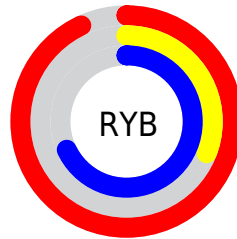
# Distribution



Red (93%)

Green (31%)

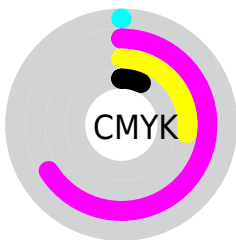
Blue (68%)



Red (93%)

Yellow (31%)

Blue (68%)

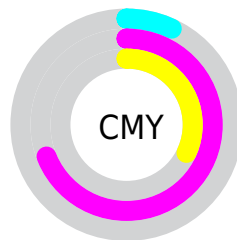


Cyan (0%)

Magenta (66%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (69%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED50AE 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 ED50AE by changing the saturation by 10% instead.



 ED50AE

 ED50AE

FFFFFF

 CF2F93

 FF8BE6

 B10079

 FFA8FF

 940061

 FFC5FF

 770049

 FFE2FF

 5A0032

 40001D

 220001

 000000

 ED50AE

 ED50AE

 ED38A4

 ED68B8

 ED219B

 ED7FC1

 ED0991

 ED97CB

 ED008E

 EDAFD4

 EDC6DE

 EDDEE7

 EDF6F1

 EDFFFA

 EDFFFF

# Harmonies

## Analogous

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



B86DE5



ED50AE



FB4B70

# Triad

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



ED50AE



8C9500



00A7E5

# Complementary

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



ED50AE



50ED8F

# 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.



00AAAD



ED50AE



3EA12D

# Square

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



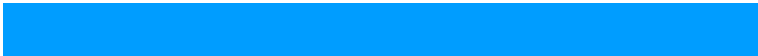
ED50AE



C28000



00A86C



009DFF

# Rectangle

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



ED50AE



F35A48



00A86C



00A8D5



# Sweetspot

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



ED50AE



FFCCEB



8F50ED



806173



000000



808080



# Same Dimension

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



ED50AE



FF36AE



ED5060



756A71



B5006C



360020



# Inverse Universe

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



ED50AE



FF36AE



50EDDD



756A71



B5006C



360020



# Previews

## White Background



This preview shows how the Hex color ED50AE looks on a white background.

## Color Contrast Check

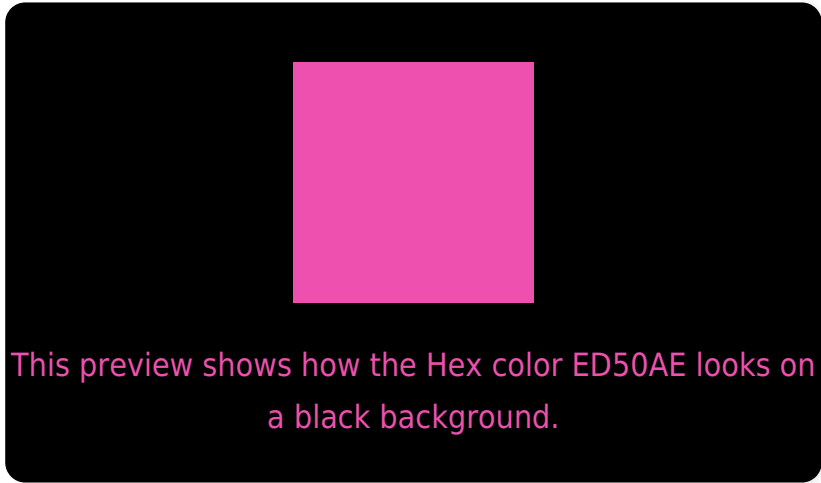
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED50AE Background



This preview shows how black text looks on a background with the Hex color ED50AE.

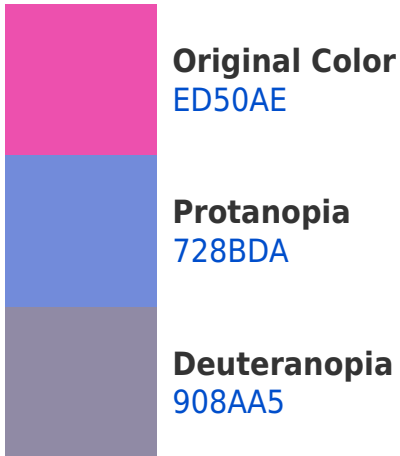



This preview shows how white text looks on a background with the Hex color ED50AE.

# 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**  
E76268

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED50AE 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 #ED50AE looks like.

```
.text, #text, p{  
    color:#ED50AE  
}
```

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 #ED50AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED50AE
}
```

## Border

The CSS property to change the border of an element to Hex ED50AE 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
#ED50AE }
```

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

```
.border{ border-color:#ED50AE }
```

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

Here you see how a box with a 4 pixel #ED50AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED50AE; -webkit-box-shadow:4px 4px  
4px 4px #ED50AE; box-shadow:4px 4px 4px  
4px #ED50AE }
```

# Background

The CSS property to change the background color of an element to Hex ED50AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED50AE }
```

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

```
.background{ background-color:#ED50AE }
```

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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