

# Converting Colors

Hex(ED50EA)

Have a look what the booklet for  
Hex(ED50EA) contains.

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# Color

Hex(ED50EA)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | ED50EA                     |
| RGB         | 237, 80, 234               |
| RGB Percent | 93%, 31%, 92%              |
| CMY         | 0.0706, 0.6863, 0.0824     |
| CMYK        | 0.00, 0.66, 0.01, 0.07     |
| HSL         | 301°, 81%, 62%             |
| HSV         | 301°, 66%, 93%             |
| XYZ         | 52.6450, 29.6824, 80.7965  |
| YIQ         | 144.4990, 44.1380, 81.1780 |

# Conversions

## Conversions Part 2

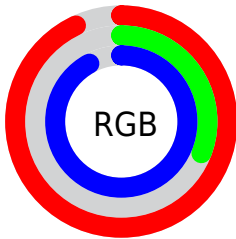
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 237, 80, 234                  |
| Decimal                             | 15552746                      |
| CIE <sub>Lab</sub>                  | 61.38, 77.09, -47.66          |
| CIE <sub>LCh</sub>                  | 61, 90.632, 328.277           |
| Yxy                                 | 29.6824, 0.3227,<br>0.1820    |
| Android<br>(android.graphics.Color) | 4293742826<br>(0xFFED50EA)    |
| YUV                                 | 144.4990, 44.1240,<br>81.1234 |
| Hunter-Lab                          | 54.4815, 77.1403,<br>-49.7904 |

# Details

The Hex color **ED50EA** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **50ED53**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF8CFF**, and **B100B2** is the 20% darker color. If you saturate the color by 10%, you get **ED38EA**, and if you desaturate by 10%, it is **ED68EA**.

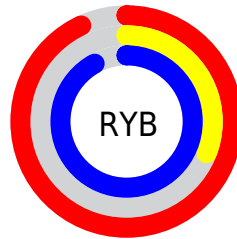
# Distribution



Red (93%)

Green (31%)

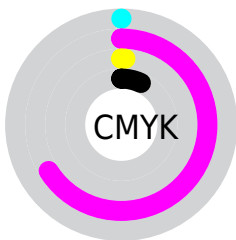
Blue (92%)



Red (93%)

Yellow (31%)

Blue (92%)

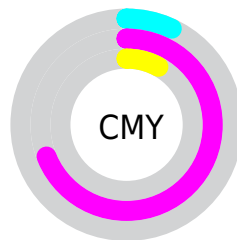


Cyan (0%)

Magenta (66%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (69%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED50EA 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 ED50EA by changing the saturation by 10% instead.



 ED50EA

 ED50EA

FFFFFF

 CF2DCD

 FF8CFF

 B100B2

 FFAAFF

 940096

 FFC7FF

 77007C

 FFE5FF

 5B0062

 41004A

 230032

 00011C

 000000

 ED50EA

 ED50EA

 ED38EA

 ED68EA

 ED21E9

 ED7FEB

 ED09E9

 ED97EB

 ED00E8

 EDAFEC

 EDC6EC

 EDDEED

 EDF6ED

 EDFFEF

# Harmonies

## Analogous

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



7C81FF



ED50EA



FF189C

# Triad

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



ED50EA



B79000



00B6DF

# Complementary

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



ED50EA



50ED53

# 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.



00B58D



ED50EA



68A500

# Square

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



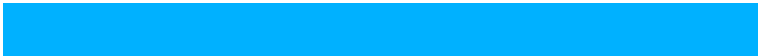
ED50EA



F36C00



00B036



00B1FF

# Rectangle

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



ED50EA



FF2668



00B036



00B6C5



# Sweetspot

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



ED50EA



FFCCFE



5350ED



80617F



000000



808080



# Same Dimension

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



ED50EA



FF36FB



ED509C



756A75



B500B2



360035



# Inverse Universe

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



ED50EA



FF36FB



50EDA1



756A75



B500B2



360035



# Previews

## White Background



This preview shows how the Hex color ED50EA looks on a white background.

## Color Contrast Check

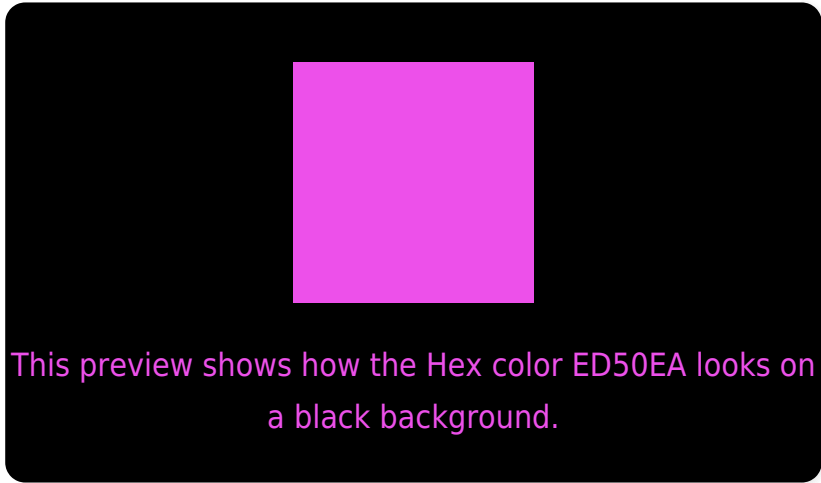
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED50EA Background



This preview shows how black text looks on a background with the Hex color ED50EA.

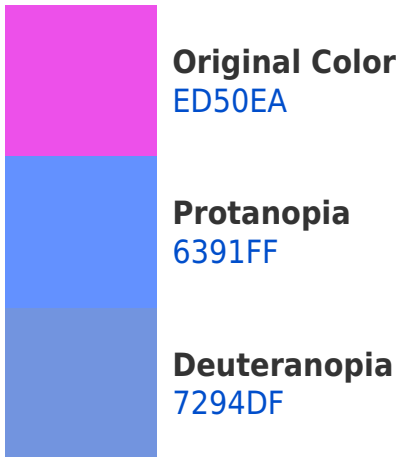


This preview shows how white text looks on a background with the Hex color ED50EA.

# 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**  
E0737B

# Trichromacy



**Original Color**  
ED50EA



**Protanomaly**  
9579F7



**Deuteranomaly**  
9F7BE3



**Tritanomaly**  
E566A3

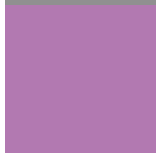
# Monochromacy



**Original Color**  
ED50EA



**Achromatopsia**  
909090



**Achromatomaly**  
B279B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED50EA 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 #ED50EA looks like.

```
.text, #text, p{  
  color:#ED50EA  
}
```

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 #ED50EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED50EA
}
```

## Border

The CSS property to change the border of an element to Hex ED50EA 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
#ED50EA }
```

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

```
.border{ border-color:#ED50EA }
```

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

Here you see how a box with a 4 pixel #ED50EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED50EA; -webkit-box-shadow:4px 4px  
4px 4px #ED50EA; box-shadow:4px 4px 4px  
4px #ED50EA }
```

# Background

The CSS property to change the background color of an element to Hex ED50EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED50EA }
```

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

```
.background{ background-color:#ED50EA }
```

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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