

# Converting Colors

Hex(ED4EE6)

Have a look what the booklet for  
Hex(ED4EE6) contains.

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# Color

**Hex(ED4EE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED4EE6
RGB	237, 78, 230
RGB Percent	93%, 31%, 90%
CMY	0.0706, 0.6941, 0.0980
CMYK	0.00, 0.67, 0.03, 0.07
HSL	303°, 82%, 62%
HSV	303°, 67%, 93%
XYZ	51.9324, 29.1665, 77.7555
YIQ	142.8690, 45.9720, 80.9800

# Conversions

## Conversions Part 2

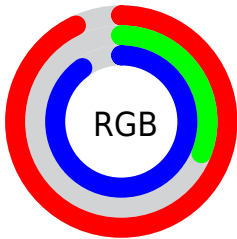
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">237, 78, 230</a>
Decimal	<a href="#">15552230</a>
CIELab	<a href="#">60.93, 77.17, -46.13</a>
CIElCh	<a href="#">61, 89.911, 329.131</a>
Yxy	<a href="#">29.1665, 0.3269, 0.1836</a>
Android (android.graphics.Color)	<a href="#">4293742310 (0xFFED4EE6)</a>
YUV	<a href="#">142.8690, 42.9556, 82.5529</a>
Hunter-Lab	<a href="#">54.0060, 77.1358, -47.5589</a>

# Details

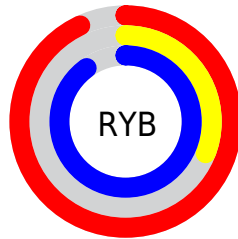
The Hex color **ED4EE6** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **4EED55**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8AFF**, and **B100AE** is the 20% darker color. If you saturate the color by 10%, you get **ED36E5**, and if you desaturate by 10%, it is **ED66E7**.

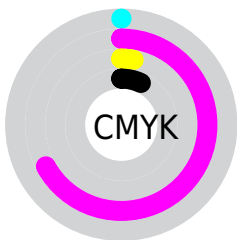
# Distribution



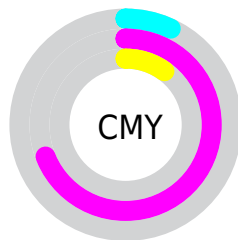
- Red (93%)
- Green (31%)
- Blue (90%)



- Red (93%)
- Yellow (31%)
- Blue (90%)



- Cyan (0%)
- Magenta (67%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (69%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED4EE6 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 ED4EE6 by changing the saturation by 10% instead.



 ED4EE6

 ED4EE6

FFFFFF

 CF2BCA

 FF8AFF

 B100AE

 FFA8FF

 940093

 FFC5FF

 770078

 FFE3FF

 5B005F

 410047

 23002F

 000119

 000000

 ED4EE6

 ED4EE6

 ED36E5

 ED66E7

 ED1FE4

 ED7DE8

 ED07E3

 ED95E9

 ED00E3

 EDADEA

 EDC4EB

 EDDCEC

 EDF4ED

 EDFFEE

 EDFFEF

# Harmonies

## Analogous

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



807FFF



ED4EE6



FF1899

# Triad

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



ED4EE6



B48F00



00B4DF

# Complementary

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



ED4EE6



4EED55

# 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.



00B48E



ED4EE6



64A400

# Square

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



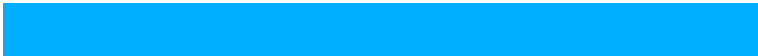
ED4EE6



F06C00



00AF39



00AFFF

# Rectangle

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



ED4EE6



FF2865



00AF39



00B5C5



# Sweetspot

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



ED4EE6



FFCCFD



534EED



80617E



000000



808080



# Same Dimension

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



ED4EE6



FF30F6



ED4E98



756A75



B500AD



360033



# Inverse Universe

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



ED4EE6



FF30F6



4EEDA3



756A75



B500AD



360033



# Previews

## White Background



This preview shows how the Hex color ED4EE6 looks on a white background.

## Color Contrast Check

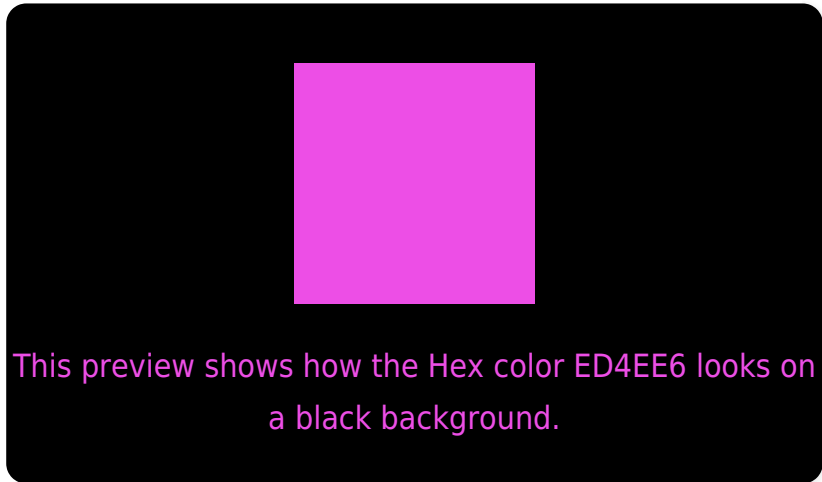
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED4EE6 Background



This preview shows how black text looks on a background with the Hex color ED4EE6.

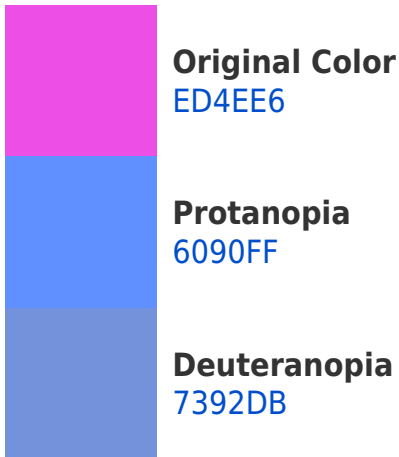


This preview shows how white text looks on a background with the Hex color ED4EE6.

# 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](#).

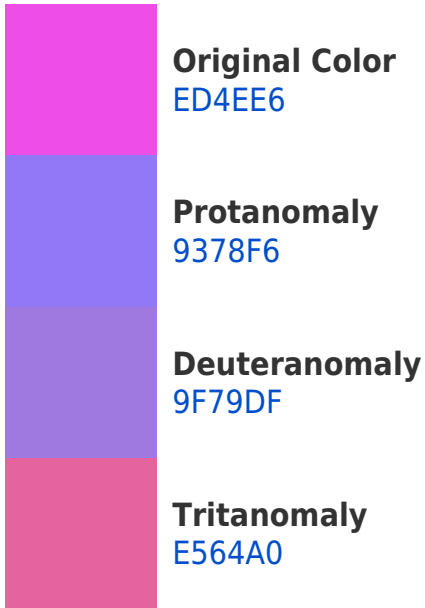
## Dichromacy





**Tritanopia**  
E17078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED4EE6 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 #ED4EE6 looks like.

```
.text, #text, p{  
    color:#ED4EE6  
}
```

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 #ED4EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4EE6
}
```

## Border

The CSS property to change the border of an element to Hex ED4EE6 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
#ED4EE6 }
```

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

```
.border{ border-color:#ED4EE6 }
```

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

Here you see how a box with a 4 pixel #ED4EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4EE6; -webkit-box-shadow:4px 4px  
4px 4px #ED4EE6; box-shadow:4px 4px 4px  
4px #ED4EE6 }
```

# Background

The CSS property to change the background color of an element to Hex ED4EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4EE6 }
```

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

```
.background{ background-color:#ED4EE6 }
```

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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