

# Converting Colors

Hex(ED44CD)

Have a look what the booklet for  
Hex(ED44CD) contains.

<b>Hex(ED44CD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(ED44CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED44CD
RGB	237, 68, 205
RGB Percent	93%, 27%, 80%
CMY	0.0706, 0.7333, 0.1961
CMYK	0.00, 0.71, 0.14, 0.07
HSL	311°, 82%, 60%
HSV	311°, 71%, 93%
XYZ	48.0116, 26.5465, 60.3511
YIQ	134.1490, 56.7470, 78.4350

# Conversions

## Conversions Part 2

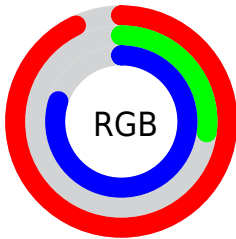
Format	Color
R <sub>YB</sub>	237, 68, 205
Decimal	15549645
CIE Lab	58.55, 76.86, -35.75
CIE LCh	59, 84.766, 335.055
Yxy	26.5465, 0.3559, 0.1968
Android (android.graphics.Color)	4293739725 (0xFFED44CD)
YUV	134.1490, 34.9295, 90.2003
Hunter-Lab	51.5233, 76.1680, -33.3821

# Details

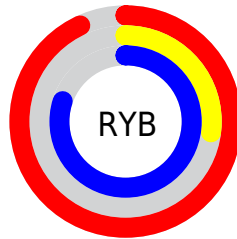
The Hex color **ED44CD** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **44ED64**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF82FF**, and **B10096** is the 20% darker color. If you saturate the color by 10%, you get **ED2CC9**, and if you desaturate by 10%, it is **ED5CD1**.

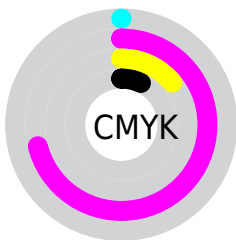
# Distribution



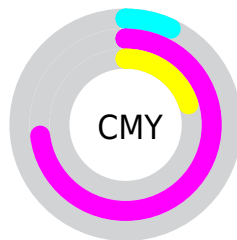
- Red (93%)
- Green (27%)
- Blue (80%)



- Red (93%)
- Yellow (27%)
- Blue (80%)



- Cyan (0%)
- Magenta (71%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED44CD 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 ED44CD by changing the saturation by 10% instead.



 ED44CD

 ED44CD

FFFFFF

 CF1CB1

 FF82FF

 B10096

 FF9FFF

 94007C

 FFBDFE

 770063

 FFDBFF

 5A004A

 FFF9FF

 400033

 22001D

 000000

 ED44CD

 ED44CD

 ED2CC9

 ED5CD1

 ED15C4

 ED73D6

 ED00C0

 ED8BDA

 EDA3DF

 EDBAE3

 EDD2E8

 EDEAEC

 EDFFF1

 EDFFF5

# Harmonies

## Analogous

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



9872FF



ED44CD



FF2284

# Triad

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



ED44CD



9F8E00



00ACE1

# Complementary

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



ED44CD



44ED64

# 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.



00AC98



ED44CD



4FA000

# Square

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



ED44CD



DA7000



00A949



00A5FF

# Rectangle

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



ED44CD



FF3653



00A949



00ADCA



# Sweetspot

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



ED44CD



FFC9F5



6344ED



806079



000000



808080



# Same Dimension

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



ED44CD



FF24D5



ED447A



756A73



B50093



36002B



# Inverse Universe

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



ED44CD



FF24D5



44EDB7



756A73



B50093



36002B



# Previews

## White Background



This preview shows how the Hex color ED44CD 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 ED44CD Background



This preview shows how black text looks on a background with the Hex color ED44CD.

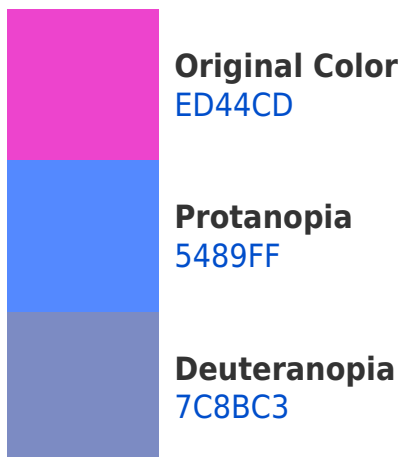



This preview shows how white text looks on a background with the Hex color ED44CD.

# 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**  
E3636A

# Trichromacy



**Original Color**  
ED44CD



**Protanomaly**  
8C70ED



**Deuteranomaly**  
A571C7



**Tritanomaly**  
E7588E

# Monochromacy



**Original Color**  
ED44CD



**Achromatopsia**  
868686



**Achromatomaly**  
AB6EA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED44CD 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 #ED44CD looks like.

```
.text, #text, p{  
    color:#ED44CD  
}
```

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 #ED44CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED44CD
}
```

## Border

The CSS property to change the border of an element to Hex ED44CD 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
#ED44CD }
```

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

```
.border{ border-color:#ED44CD }
```

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

Here you see how a box with a 4 pixel #ED44CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED44CD; -webkit-box-shadow:4px 4px  
4px 4px #ED44CD; box-shadow:4px 4px 4px  
4px #ED44CD }
```

# Background

The CSS property to change the background color of an element to Hex ED44CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED44CD }
```

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

```
.background{ background-color:#ED44CD }
```

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