

# Converting Colors

Hex(ED44A8)

Have a look what the booklet for  
Hex(ED44A8) contains.

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# Color

**Hex(ED44A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED44A8
RGB	237, 68, 168
RGB Percent	93%, 27%, 66%
CMY	0.0706, 0.7333, 0.3412
CMYK	0.00, 0.71, 0.29, 0.07
HSL	324°, 82%, 60%
HSV	324°, 71%, 93%
XYZ	44.0601, 24.9659, 39.5425
YIQ	129.9310, 68.6240, 66.9280

# Conversions

## Conversions Part 2

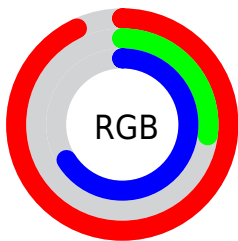
Format	Color
R <sub>Y</sub> B	237, 68, 168
Decimal	15549608
CIE Lab	57.04, 72.13, -16.76
CIE LCh	57, 74.049, 346.921
Yxy	24.9659, 0.4058, 0.2300
Android (android.graphics.Color)	4293739688 (0xFFED44A8)
YUV	129.9310, 18.7680, 93.8995
Hunter-Lab	49.9659, 69.9614, -11.9453

# Details

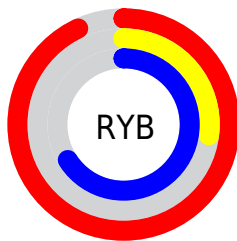
The Hex color **ED44A8** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **44ED89**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF81DF**, and **B10074** is the 20% darker color. If you saturate the color by 10%, you get **ED2C9E**, and if you desaturate by 10%, it is **ED5CB2**.

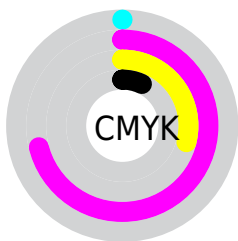
# Distribution



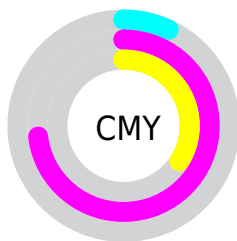
- Red (93%)
- Green (27%)
- Blue (66%)



- Red (93%)
- Yellow (27%)
- Blue (66%)



- Cyan (0%)
- Magenta (71%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED44A8 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 ED44A8 by changing the saturation by 10% instead.



 ED44A8

 ED44A8

FFFFFF

 CF1E8E

 FF81DF

 B10074

 FF9EFC

 93005B

 FFBCFF

 760044

 FFD9FF

 59002D

 FFF7FF

 3E0019

 1E0001

 000000

 ED44A8

 ED44A8

 ED2C9E

 ED5CB2

 ED1595

 ED73BB

 ED008C

 ED8BC5

 EDA3CF

 EDBAD8

 EDD2E2

 EDEAEC

 EDFFF5

 EDFFFF

# Harmonies

## Analogous

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



B865E2



ED44A8



FA4167

# Triad

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



ED44A8



839100



00A3E7

# Complementary

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



ED44A8



44ED89

# 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.



00A6AD



ED44A8



2B9E25

# Square

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



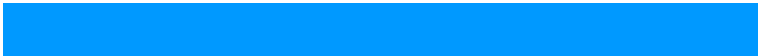
ED44A8



BC7C00



00A469



0099FF

# Rectangle

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



ED44A8



F0533F



00A469



00A4D5



# Sweetspot

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



ED44A8



FFC9E9



8844ED



806072



000000



808080



# Same Dimension

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



ED44A8



FF24A5



ED4455



756A71



B5006B



360020



# Inverse Universe

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



ED44A8



FF24A5



44EDDC



756A71



B5006B



360020



# Previews

## White Background



This preview shows how the Hex color ED44A8 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 ED44A8 Background



This preview shows how black text looks on a background with the Hex color ED44A8.



This preview shows how white text looks on a background with the Hex color ED44A8.

# 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





# Trichromacy



**Original Color**  
ED44A8



**Protanomaly**  
9A6FC7



**Deuteranomaly**  
AF6EA2



**Tritanomaly**  
E95179

# Monochromacy



**Original Color**  
ED44A8



**Achromatopsia**  
828282



**Achromatomaly**  
A96B90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED44A8 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 #ED44A8 looks like.

```
.text, #text, p{  
    color:#ED44A8  
}
```

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 #ED44A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED44A8
}
```

## Border

The CSS property to change the border of an element to Hex ED44A8 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
#ED44A8 }
```

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

```
.border{ border-color:#ED44A8 }
```

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

Here you see how a box with a 4 pixel #ED44A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED44A8; -webkit-box-shadow:4px 4px  
4px 4px #ED44A8; box-shadow:4px 4px 4px  
4px #ED44A8 }
```

# Background

The CSS property to change the background color of an element to Hex ED44A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED44A8 }
```

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

```
.background{ background-color:#ED44A8 }
```

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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