

# Converting Colors

Hex(ED09E9)

Have a look what the booklet for  
Hex(ED09E9) contains.

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# Color

Hex(ED09E9)

# Conversions

## Conversions Part 1

Format	Color
Hex	ED09E9
RGB	237, 9, 233
RGB Percent	93%, 4%, 91%
CMY	0.0706, 0.9647, 0.0863
CMYK	0.00, 0.96, 0.02, 0.07
HSL	301°, 93%, 48%
HSV	301°, 96%, 93%
XYZ	49.7307, 24.0831, 79.1182
YIQ	102.7080, 63.9840, 118.0000

# Conversions

## Conversions Part 2

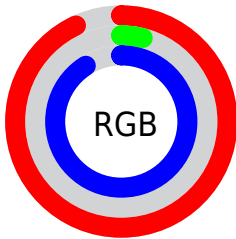
Format	Color
R <sub>Y</sub> B	237, 9, 233
Decimal	15534569
CIE Lab	56.17, 91.82, -55.37
CIE LCh	56, 107.224, 328.908
Yxy	24.0831, 0.3252, 0.1575
Android (android.graphics.Color)	4293724649 (0xFFED09E9)
YUV	102.7080, 64.2340, 117.7741
Hunter-Lab	49.0745, 95.0064, -61.2355

# Details

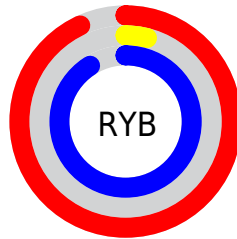
The Hex color **ED09E9** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **09ED0D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67FF**, and **B000B0** is the 20% darker color. If you saturate the color by 10%, you get **ED00E9**, and if you desaturate by 10%, it is **ED21E9**.

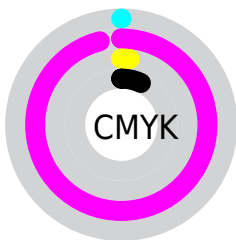
# Distribution



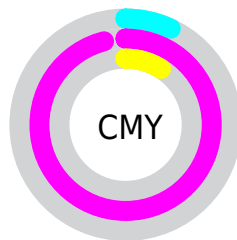
- Red (93%)
- Green (4%)
- Blue (91%)



- Red (93%)
- Yellow (4%)
- Blue (91%)



- Cyan (0%)
- Magenta (96%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (96%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED09E9 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 ED09E9 by changing the saturation by 10% instead.



 ED09E9

 ED09E9

FFFFFF

 CE00CC

 FF67FF

 B000B0

 FF87FF

 920095

 FFA6FF

 75007B

 FFC5FF

 570061

 FFE3FF

 3B0048

 1C0031

 00011A

 000000

 ED09E9

 ED09E9

 ED00E9

 ED21E9

 ED38EA

 ED50EA

 ED68EB

 ED7FEB

 ED97EB

 EDAFEC

 EDC7EC

 EDDEED

# Harmonies

## Analogous

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



5A6FFF



ED09E9



FF008F

# Triad

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



ED09E9



A78300



00ABE0

# Complementary

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



ED09E9



09ED0D

# 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.



00AA81



ED09E9



449A00

# Square

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



ED09E9



EC5400



00A509



00A7FF

# Rectangle

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



ED09E9



FF0052



00A509



00ABC1



# Sweetspot

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



ED09E9



FFB5FE



0D09ED



80537F



000000



808080



# Same Dimension

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



ED09E9



FF00FB



ED0977



756A75



B500B2



360035



# Inverse Universe

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



ED09E9



FF00FB



09ED7F



756A75



B500B2



360035



# Previews

## White Background



This preview shows how the Hex color ED09E9 looks on a white background.

## Color Contrast Check

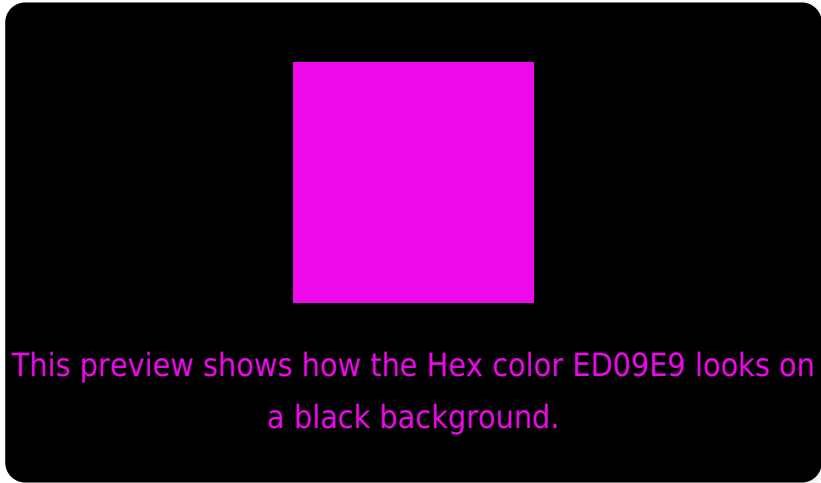
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED09E9 Background



This preview shows how black text looks on a background with the Hex color ED09E9.

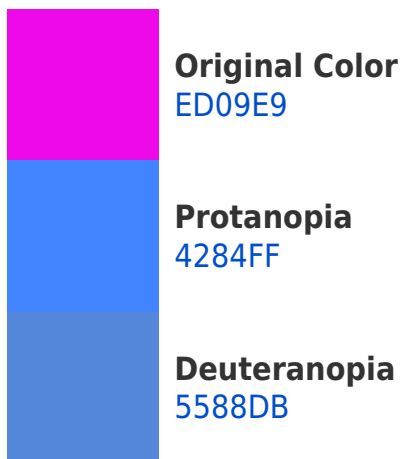


This preview shows how white text looks on a background with the Hex color ED09E9.

# 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**  
ED09E9



**Protanomaly**  
8057F7



**Deuteranomaly**  
8C5AE0

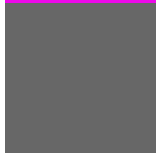


**Tritanomaly**  
E43E93

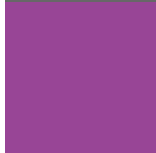
# Monochromacy



**Original Color**  
ED09E9



**Achromatopsia**  
676767



**Achromatomaly**  
984596

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED09E9 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 #ED09E9 looks like.

```
.text, #text, p{  
    color:#ED09E9  
}
```

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 #ED09E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED09E9
}
```

## Border

The CSS property to change the border of an element to Hex ED09E9 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
#ED09E9 }
```

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

```
.border{ border-color:#ED09E9 }
```

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

Here you see how a box with a 4 pixel #ED09E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED09E9; -webkit-box-shadow:4px 4px  
4px 4px #ED09E9; box-shadow:4px 4px 4px  
4px #ED09E9 }
```

# Background

The CSS property to change the background color of an element to Hex ED09E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED09E9 }
```

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

```
.background{ background-color:#ED09E9 }
```

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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