

# Converting Colors

Hex(ED209E)

Have a look what the booklet for  
Hex(ED209E) contains.

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# Color

**Hex(ED209E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED209E
RGB	237, 32, 158
RGB Percent	93%, 13%, 62%
CMY	0.0706, 0.8745, 0.3804
CMYK	0.00, 0.86, 0.33, 0.07
HSL	323°, 85%, 53%
HSV	323°, 86%, 93%
XYZ	41.6131, 21.5062, 34.3056
YIQ	107.6590, 81.7340, 82.6460

# Conversions

## Conversions Part 2

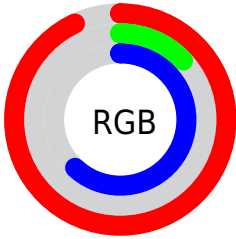
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 32, 158
Decimal	15540382
CIE <sub>Lab</sub>	53.50, 80.10, -16.27
CIE <sub>LCh</sub>	53, 81.735, 348.521
Yxy	21.5062, 0.4271, 0.2207
Android (android.graphics.Color)	4293730462 (0xFFED209E)
YUV	107.6590, 24.8181, 113.4321
Hunter-Lab	46.3747, 79.0163, -11.3973

# Details

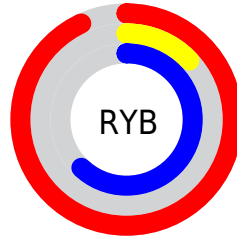
The Hex color **ED209E** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **20ED6F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6AD5**, and **B0006B** is the 20% darker color. If you saturate the color by 10%, you get **ED0895**, and if you desaturate by 10%, it is **ED38A7**.

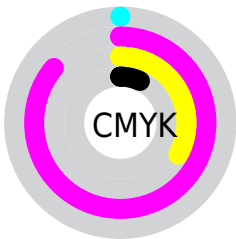
# Distribution



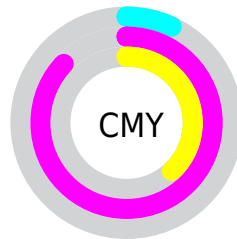
- Red (93%)
- Green (13%)
- Blue (62%)



- Red (93%)
- Yellow (13%)
- Blue (62%)



- Cyan (0%)
- Magenta (86%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (87%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED209E 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 ED209E by changing the saturation by 10% instead.



 ED209E

 ED209E

FFFFFF

 CE0084

 FF6AD5

 B0006B

 FF89F1

 910052

 FFA7FF

 74003B

 FFC5FF

 570026

 FFE3FF

 3A000E

 140000

 000000

 ED209E

 ED209E

ED0895

ED38A7

ED0092

ED4FB0

ED67B9

ED7FC3

ED97CC

EDAED5

EDC6DE

EDDEE7

EDF5F0

# Harmonies

## Analogous

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



B653DE



ED209E



F71E58

# Triad

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



ED209E



728A00



009BE9

# Complementary

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



ED209E



20ED6F

# 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.



009EAB



ED209E



009609

# Square

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



ED209E



B17300



009C61



0091FF

# Rectangle

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



ED209E



EB402A



009C61



009DD7



# Sweetspot

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



ED209E



FFBDE5



6F20ED



805870



000000



808080



# Same Dimension

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



ED209E



FF009D



ED2038



756A71



B5006F



360021



# Inverse Universe

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



ED209E



FF009D



20EDD5



756A71



B5006F



360021



# Previews

## White Background



This preview shows how the Hex color ED209E looks on a white background.

## Color Contrast Check

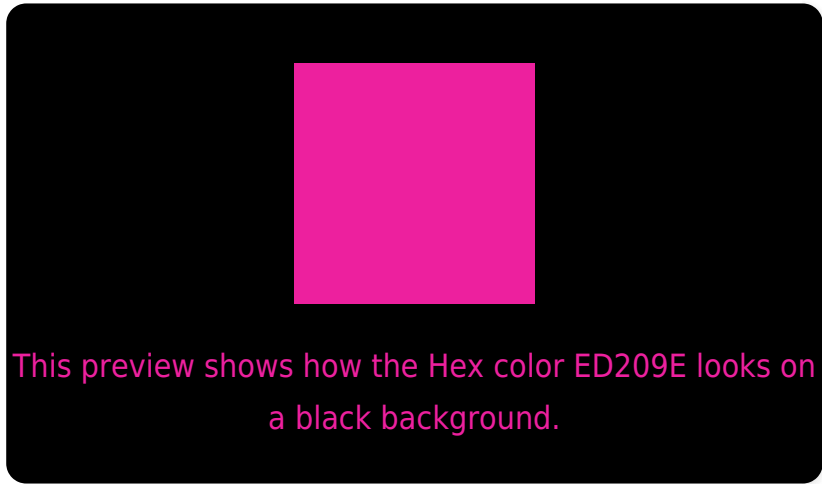
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED209E Background



This preview shows how black text looks on a background with the Hex color ED209E.



This preview shows how white text looks on a background with the Hex color ED209E.

# 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**  
E74447

# Trichromacy



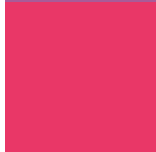
**Original Color**  
ED209E



**Protanomaly**  
8E5BC5



**Deuteranomaly**  
AA5B98

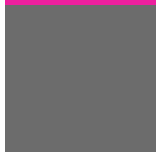


**Tritanomaly**  
E93767

# Monochromacy



**Original Color**  
ED209E



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
9B507E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED209E 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 #ED209E looks like.

```
.text, #text, p{  
  color:#ED209E  
}
```

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 #ED209E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED209E
}
```

## Border

The CSS property to change the border of an element to Hex ED209E 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
#ED209E }
```

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

```
.border{ border-color:#ED209E }
```

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

Here you see how a box with a 4 pixel #ED209E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED209E; -webkit-box-shadow:4px 4px  
4px 4px #ED209E; box-shadow:4px 4px 4px  
4px #ED209E }
```

# Background

The CSS property to change the background color of an element to Hex ED209E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED209E }
```

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

```
.background{ background-color:#ED209E }
```

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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