

# Converting Colors

Hex(E81E9E)

Have a look what the booklet for  
Hex(E81E9E) contains.

<b>Hex(E81E9E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(E81E9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E81E9E
RGB	232, 30, 158
RGB Percent	91%, 12%, 62%
CMY	0.0902, 0.8824, 0.3804
CMYK	0.00, 0.87, 0.32, 0.09
HSL	322°, 81%, 51%
HSV	322°, 87%, 91%
XYZ	39.9145, 20.5530, 34.2111
YIQ	104.9900, 79.3040, 82.6320

# Conversions

## Conversions Part 2

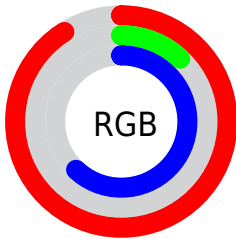
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 30, 158
Decimal	15212190
CIE <sub>Lab</sub>	52.46, 79.36, -17.94
CIE <sub>LCh</sub>	52, 81.357, 347.263
Yxy	20.5530, 0.4216, 0.2171
Android (android.graphics.Color)	4293402270 (0xFFE81E9E)
YUV	104.9900, 26.1339, 111.3878
Hunter-Lab	45.3354, 77.8195, -13.0068

# Details

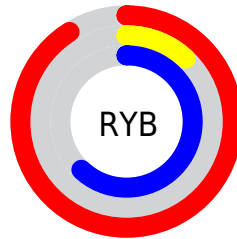
The Hex color **E81E9E** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **1EE868**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF68D5**, and **AB006B** is the 20% darker color. If you saturate the color by 10%, you get **E80796**, and if you desaturate by 10%, it is **E835A6**.

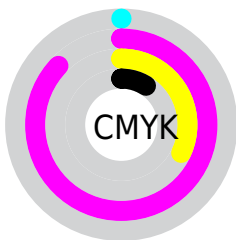
# Distribution



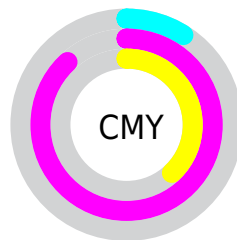
- Red (91%)
- Green (12%)
- Blue (62%)



- Red (91%)
- Yellow (12%)
- Blue (62%)



- Cyan (0%)
- Magenta (87%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (88%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E81E9E 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 E81E9E by changing the saturation by 10% instead.



 E81E9E

 E81E9E

FFFFFF

 C90084

 FF68D5

 AB006B

 FF87F1

 8D0052

 FFA5FF

 6F003B

 FFC3FF

 530025

 FFE1FF

 36000E

 0A0000

 000000

 E81E9E

 E81E9E

 E80796

 E835A6

 E80093

 E84CAF

 E864B7

 E87BC0

 E892C8

 E8A9D1

 E8C0D9

 E8D8E2

 E8EFEA

# Harmonies

## Analogous

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



B053DD



E81E9E



F41759

# Triad

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



E81E9E



728600



0098E4

# Complementary

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



E81E9E



1EE868

# 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.



009BA5



E81E9E



009300

# Square

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



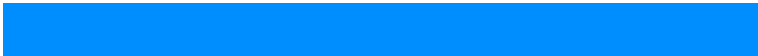
E81E9E



B06F00



00995C



008EFF

# Rectangle

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



E81E9E



E83B2B



00995C



009AD1



# Sweetspot

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



E81E9E



FFBDE7



651EE8



805871



000000



808080



# Same Dimension

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



E81E9E



FF00A2



E81E3C



73676F



B30071



330020



# Inverse Universe

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



E81E9E



FF00A2



1EE8CA



73676F



B30071



330020



# Previews

## White Background



This preview shows how the Hex color E81E9E looks on a white background.

## Color Contrast Check

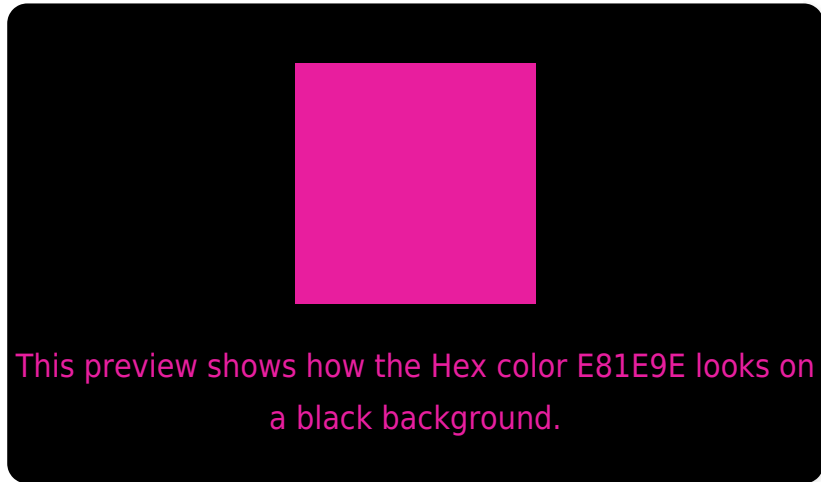
Large Text (above 18pt) WCAG AA ✓ Pass

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 E81E9E Background



This preview shows how black text looks on a background with the Hex color E81E9E.



This preview shows how white text looks on a background with the Hex color E81E9E.

# 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**  
E81E9E



**Protanomaly**  
8959C6



**Deuteranomaly**  
A65998



**Tritanomaly**  
E43666

# Monochromacy



**Original Color**  
E81E9E



**Achromatopsia**  
696969



**Achromatomaly**  
974E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E81E9E 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 #E81E9E looks like.

```
.text, #text, p{  
  color:#E81E9E  
}
```

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 #E81E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E81E9E
}
```

## Border

The CSS property to change the border of an element to Hex E81E9E 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
#E81E9E }
```

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

```
.border{ border-color:#E81E9E }
```

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

Here you see how a box with a 4 pixel #E81E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E81E9E; -webkit-box-shadow:4px 4px  
4px 4px #E81E9E; box-shadow:4px 4px 4px  
4px #E81E9E }
```

# Background

The CSS property to change the background color of an element to Hex E81E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E81E9E }
```

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

```
.background{ background-color:#E81E9E }
```

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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