

# Converting Colors

Hex(E80059)

Have a look what the booklet for  
Hex(E80059) contains.

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**Color**

**Hex(E80059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E80059
RGB	232, 0, 89
RGB Percent	91%, 0%, 35%
CMY	0.0902, 1.0000, 0.6510
CMYK	0.00, 1.00, 0.62, 0.09
HSL	337°, 100%, 45%
HSV	337°, 100%, 91%
XYZ	35.0819, 17.8771, 11.0528
YIQ	79.5140, 109.7030, 76.8630

# Conversions

## Conversions Part 2

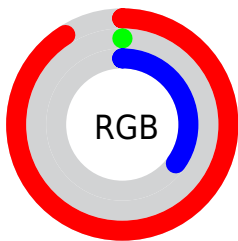
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 0, 89
Decimal	15204441
CIE <sub>Lab</sub>	49.35, 76.99, 19.37
CIE <sub>LCh</sub>	49, 79.394, 14.121
Yxy	17.8771, 0.5481, 0.2793
Android (android.graphics.Color)	4293394521 (0xFFE80059)
YUV	79.5140, 4.6766, 133.7302
Hunter-Lab	42.2813, 74.1138, 14.0978

# Details

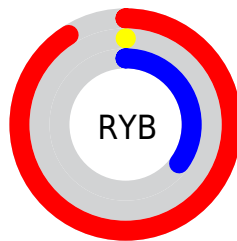
The Hex color **E80059** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **00E88F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5D8B**, and **A8002C** is the 20% darker color. If you saturate the color by 10%, you get **E80059**, and if you desaturate by 10%, it is **E81767**.

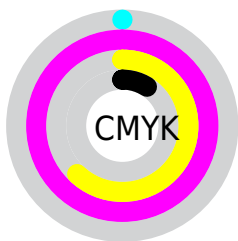
# Distribution



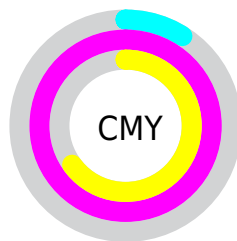
- Red (91%)
- Green (0%)
- Blue (35%)



- Red (91%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E80059 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 E80059 by changing the saturation by 10% instead.



 E80059

 E80059

FFFFFF

 C80042

 FF5D8B

 A8002C

 FF7CA5

 890019

 FF9BC0

 6A0002

 FFB9DB

 4C0004

 FFD7F8

 2B0001

 FFF5FF

 000000

 E80059

 E81767

 E82E76

 E84684

 E85D92

 E874A1

 E88BAF

 E8A2BD

 E8BACB

 E8D1DA

# Harmonies

## Analogous

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



D91B9C



E80059



D63F14

# Triad

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



E80059



008900



0087F8

# Complementary

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



E80059



00E88F

# 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.



0090D3



E80059



008F4E

# Square

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



E80059



727C00



009194



0073FA

# Rectangle

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



E80059



BC5A00



009194



008BF0



# Sweetspot

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



E80059



FFB3D0



8B00E8



805263



000000



808080



# Same Dimension

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



E80059



FF0062



E81700



73676C



B30044



330014



# Inverse Universe

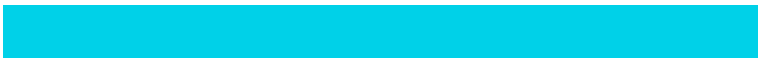
The Inverse Universe completely reimagines the original color for something new.



E80059



FF0062



00D1E8



73676C



B30044



330014



# Previews

## White Background



This preview shows how the Hex color E80059 looks on a white background.

## Color Contrast Check

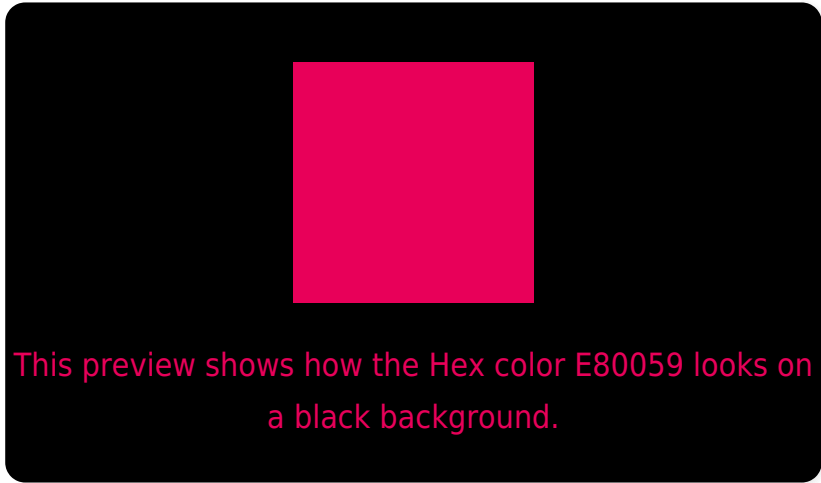
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 E80059 Background



This preview shows how black text looks on a background with the Hex color E80059.



This preview shows how white text looks on a background with the Hex color E80059.

# 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



**Original Color**  
E80059

**Protanopia**  
767682

**Deuteranopia**  
8F724F



**Tritanopia**  
E62421

# Trichromacy



**Original Color**  
E80059



**Protanomaly**  
9F4B73



**Deuteranomaly**  
AF4953

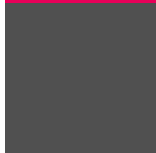


**Tritanomaly**  
E71735

# Monochromacy



**Original Color**  
E80059



**Achromatopsia**  
505050



**Achromatomaly**  
873353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E80059 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 #E80059 looks like.

```
.text, #text, p{  
    color:#E80059  
}
```

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 #E80059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80059
}
```

## Border

The CSS property to change the border of an element to Hex E80059 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
#E80059 }
```

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

```
.border{ border-color:#E80059 }
```

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

Here you see how a box with a 4 pixel #E80059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80059; -webkit-box-shadow:4px 4px  
4px 4px #E80059; box-shadow:4px 4px 4px  
4px #E80059 }
```

# Background

The CSS property to change the background color of an element to Hex E80059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80059 }
```

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

```
.background{ background-color:#E80059 }
```

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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