

Converting Colors

Hex(E80071)

Have a look what the booklet for
Hex(E80071) contains.

Hex(E80071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E80071)

Conversions

Conversions Part 1

Format	Color
Hex	E80071
RGB	232, 0, 113
RGB Percent	91%, 0%, 44%
CMY	0.0902, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.51, 0.09
HSL	331°, 100%, 45%
HSV	331°, 100%, 91%
XYZ	36.2593, 18.3481, 17.2532
YIQ	82.2500, 101.9990, 84.3270

Conversions

Conversions Part 2

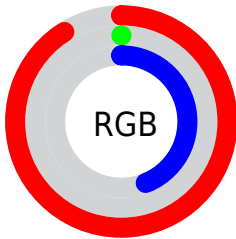
Format	Color
RYB	232, 0, 113
Decimal	15204465
CIELab	49.92, 78.51, 5.42
CIElCh	50, 78.698, 3.950
Yxy	18.3481, 0.5046, 0.2553
Android (android.graphics.Color)	4293394545 (0xFFE80071)
YUV	82.2500, 15.1597, 131.3307
Hunter-Lab	42.8346, 76.1389, 6.1030

Details

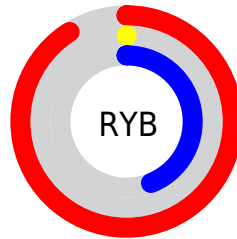
The Hex color **E80071** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00E877**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5EA4**, and **A90042** is the 20% darker color. If you saturate the color by 10%, you get **E80071**, and if you desaturate by 10%, it is **E8177D**.

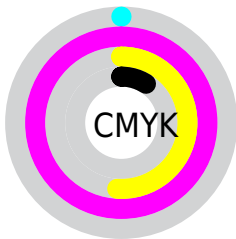
Distribution



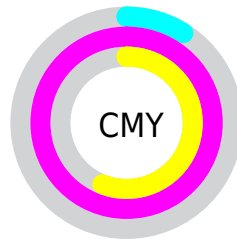
- Red (91%)
- Green (0%)
- Blue (44%)



- Red (91%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80071 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 E80071 by changing the saturation by 10% instead.

 E80071

 E80071

FFFFFF

 C80059

 FF5EA4

 A90042

 FF7DBF

 8A002C

 FF9CDB

 6B0018

 FFBAF8

 4F0004

 FFD8FF

 2E0002

 FFF6FF

 000000

 E80071

 E8177D

 E82E89

 E84695

 E85DA1

 E874AC

 E88BB8

 E8A2C4

 E8BAD0

 E8D1DC

Harmonies

Analogous

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



CB33B3



E80071



E03230

Triad

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



E80071



408700



008DF0

Complementary

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



E80071



00E877

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.



0092C0



E80071



008F37

Square

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



E80071



897700



00937E



007DFE

Rectangle

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



E80071



CB4F00



00937E



008FE3

Sweetspot

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



E80071



FFB3D8



7400E8



805268



000000



808080

Same Dimension

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



E80071



FF007C



E80000



73676D



B30057



330019

Inverse Universe

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



E80071



FF007C



00E8E8



73676D



B30057



330019

Previews

White Background



This preview shows how the Hex color E80071 looks on a white background.

Color Contrast Check

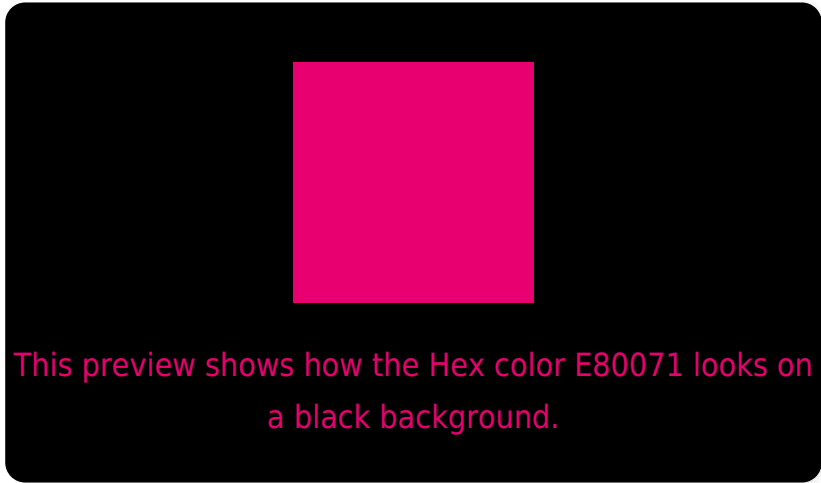
Large Text (above 18pt) WCAG AA ✓ Pass

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 E80071 Background



This preview shows how black text looks on a background with the Hex color E80071.

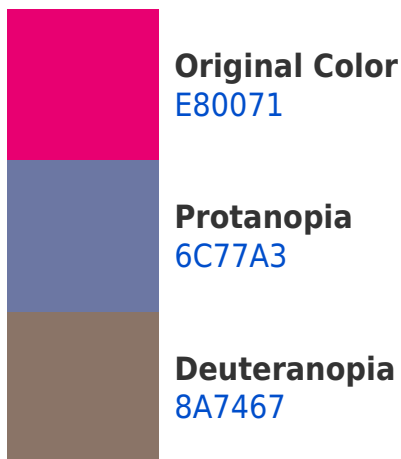


This preview shows how white text looks on a background with the Hex color E80071.

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
E52D2D

Trichromacy



Original Color
E80071



Protanomaly
994C91



Deuteranomaly
AC4A6B



Tritanomaly
E61D46

Monochromacy



Original Color
E80071



Achromatopsia
525252



Achromatomaly
89345D

CSS Examples

Text

The CSS property to change the color of the text to Hex E80071 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 #E80071 looks like.

```
.text, #text, p{  
    color:#E80071  
}
```

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 #E80071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80071
}
```

Border

The CSS property to change the border of an element to Hex E80071 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
#E80071 }
```

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

```
.border{ border-color:#E80071 }
```

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

Here you see how a box with a 4 pixel #E80071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80071; -webkit-box-shadow:4px 4px  
4px 4px #E80071; box-shadow:4px 4px 4px  
4px #E80071 }
```

Background

The CSS property to change the background color of an element to Hex E80071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80071 }
```

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

```
.background{ background-color:#E80071 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor