

Converting Colors

Hex(E80072)

Have a look what the booklet for
Hex(E80072) contains.

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Color

Hex(E80072)

Conversions

Conversions Part 1

Format	Color
Hex	E80072
RGB	232, 0, 114
RGB Percent	91%, 0%, 45%
CMY	0.0902, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.51, 0.09
HSL	331°, 100%, 45%
HSV	331°, 100%, 91%
XYZ	36.3160, 18.3707, 17.5514
YIQ	82.3640, 101.6780, 84.6380

Conversions

Conversions Part 2

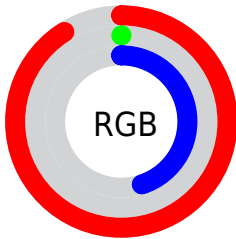
Format	Color
RYB	232, 0, 114
Decimal	15204466
CIELab	49.94, 78.58, 4.85
CIELCh	50, 78.732, 3.530
Yxy	18.3707, 0.5027, 0.2543
Android (android.graphics.Color)	4293394546 (0xFFE80072)
YUV	82.3640, 15.5965, 131.2308
Hunter-Lab	42.8611, 76.2353, 5.7237

Details

The Hex color **E80072** 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 **00E876**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5EA6**, and **A90043** is the 20% darker color. If you saturate the color by 10%, you get **E80072**, and if you desaturate by 10%, it is **E8177E**.

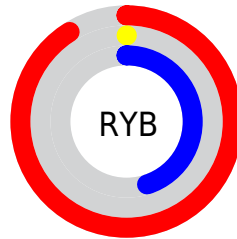
Distribution



Red (91%)

Green (0%)

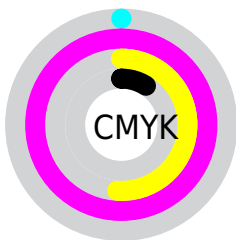
Blue (45%)



Red (91%)

Yellow (0%)

Blue (45%)

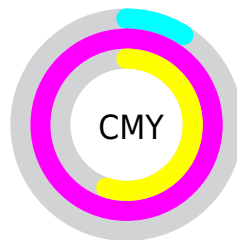


Cyan (0%)

Magenta (100%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (100%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80072 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 E80072 by changing the saturation by 10% instead.

 E80072

 E80072

FFFFFF

 C8005A

 FF5EA6

 A90043

 FF7DC1

 8A002D

 FF9CDC

 6C0019

 FFBAF9

 4F0004

 FFD8FF

 2F0002

 FFF6FF

 000000

 E80072

 E8177E

 E82E8A

 E84695

 E85DA1

 E874AD

 E88BB9

 E8A2C5

 E8BAD0

 E8D1DC

Harmonies

Analogous

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



CA34B4



E80072



E13131

Triad

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



E80072



428700



008DF0

Complementary

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



E80072



00E876

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



E80072



008F36

Square

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



E80072



8A7700



00937D



007DFE

Rectangle

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



E80072



CC4F00



00937D



0090E3

Sweetspot

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



E80072



FFB3D8



7400E8



805268



000000



808080

Same Dimension

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



E80072



FF007D



E80000



73676D



B30058



330019

Inverse Universe

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



E80072



FF007D



00E8E8



73676D



B30058



330019

Previews

White Background



This preview shows how the Hex color E80072 looks on a white background.

Color Contrast Check

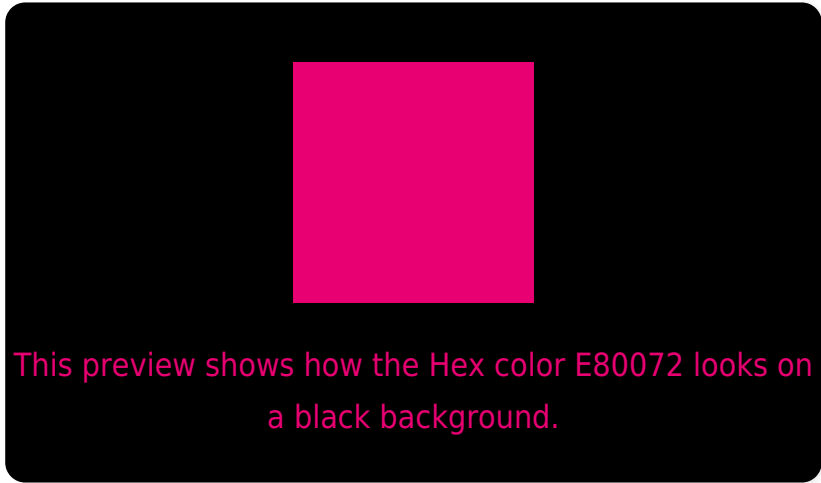
Large Text (above 18pt) WCAG AA ✓ Pass

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 E80072 Background



This preview shows how black text looks on a background with the Hex color E80072.



This preview shows how white text looks on a background with the Hex color E80072.

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
E80072

Protanopia
6B77A5

Deuteranopia
8A7468

Trichromacy



Original Color
E80072



Protanomaly
984C92



Deuteranomaly
AC4A6C

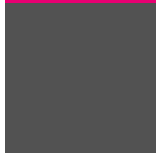


Tritanomaly
E61D46

Monochromacy



Original Color
E80072



Achromatopsia
525252



Achromatomaly
89345E

CSS Examples

Text

The CSS property to change the color of the text to Hex E80072 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 #E80072 looks like.

```
.text, #text, p{  
    color:#E80072  
}
```

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 #E80072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80072
}
```

Border

The CSS property to change the border of an element to Hex E80072 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
#E80072 }
```

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

```
.border{ border-color:#E80072 }
```

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

Here you see how a box with a 4 pixel #E80072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80072; -webkit-box-shadow:4px 4px  
4px 4px #E80072; box-shadow:4px 4px 4px  
4px #E80072 }
```

Background

The CSS property to change the background color of an element to Hex E80072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80072 }
```

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

```
.background{ background-color:#E80072 }
```

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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