

Converting Colors

Hex(E80080)

Have a look what the booklet for
Hex(E80080) contains.

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Color

Hex(E80080)

Conversions

Conversions Part 1

Format	Color
Hex	E80080
RGB	232, 0, 128
RGB Percent	91%, 0%, 50%
CMY	0.0902, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.45, 0.09
HSL	327°, 100%, 45%
HSV	327°, 100%, 91%
XYZ	37.1750, 18.7143, 22.0750
YIQ	83.9600, 97.1840, 88.9920

Conversions

Conversions Part 2

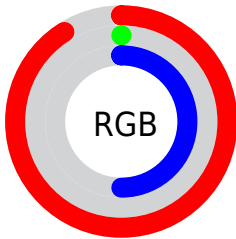
Format	Color
RYB	232, 0, 128
Decimal	15204480
CIELab	50.35, 79.66, -3.09
CIELCh	50, 79.720, 357.776
Yxy	18.7143, 0.4768, 0.2400
Android (android.graphics.Color)	4293394560 (0xFFE80080)
YUV	83.9600, 21.7117, 129.8311
Hunter-Lab	43.2600, 77.6867, 0.0272

Details

The Hex color **E80080** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **00E868**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5FB5**, and **AA004F** is the 20% darker color. If you saturate the color by 10%, you get **E80080**, and if you desaturate by 10%, it is **E8178A**.

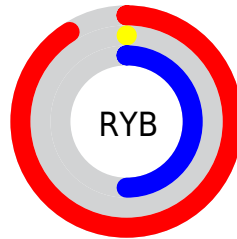
Distribution



Red (91%)

Green (0%)

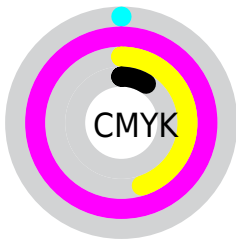
Blue (50%)



Red (91%)

Yellow (0%)

Blue (50%)

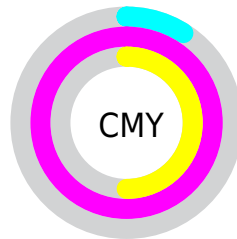


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (100%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80080 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 E80080 by changing the saturation by 10% instead.

 E80080

 E80080

FFFFFF

 C90067

 FF5FB5

 AA004F

 FF7ED0

 8B0039

 FF9CEC

 6D0023

 FFBBFF

 51000D

 FFD9FF

 310002

 FFF7FF

 000000

 E80080

 E8178A

 E82E95

 E8469F

 E85DAA

 E874B4

 E88BBE

 E8A2C9

 E8BAD3

 E8D1DE

Harmonies

Analogous

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



C23EC1



E80080



E7263D

Triad

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



E80080



538600



0090EB

Complementary

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



E80080



00E868

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.



0094B6



E80080



008F26

Square

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



E80080



967400



009471



0083FF

Rectangle

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



E80080



D54709



009471



0092DC

Sweetspot

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



E80080



FFB3DD



6500E8



80526B



000000



808080

Same Dimension

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



E80080



FF008D



E8000F



73676E



B30062



33001C

Inverse Universe

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



E80080



FF008D



00E8D9



73676E



B30062



33001C

Previews

White Background



This preview shows how the Hex color E80080 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 E80080 Background



This preview shows how black text looks on a background with the Hex color E80080.




This preview shows how white text looks on a background with the Hex color E80080.

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
E43334

Trichromacy



Original Color
E80080



Protanomaly
934CA4



Deuteranomaly
AA4B7A



Tritanomaly
E52050

Monochromacy



Original Color
E80080



Achromatopsia
545454



Achromatomaly
8A3564

CSS Examples

Text

The CSS property to change the color of the text to Hex E80080 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 #E80080 looks like.

```
.text, #text, p{  
    color:#E80080  
}
```

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 #E80080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80080
}
```

Border

The CSS property to change the border of an element to Hex E80080 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
#E80080 }
```

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

```
.border{ border-color:#E80080 }
```

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

Here you see how a box with a 4 pixel #E80080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80080; -webkit-box-shadow:4px 4px  
4px 4px #E80080; box-shadow:4px 4px 4px  
4px #E80080 }
```

Background

The CSS property to change the background color of an element to Hex E80080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80080 }
```

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

```
.background{ background-color:#E80080 }
```

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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