

# Converting Colors

Hex(E8008D)

Have a look what the booklet for  
Hex(E8008D) contains.

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**Color**

**Hex(E8008D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8008D
RGB	232, 0, 141
RGB Percent	91%, 0%, 55%
CMY	0.0902, 1.0000, 0.4471
CMYK	0.00, 1.00, 0.39, 0.09
HSL	324°, 100%, 45%
HSV	324°, 100%, 91%
XYZ	38.0864, 19.0789, 26.8745
YIQ	85.4420, 93.0110, 93.0350

# Conversions

## Conversions Part 2

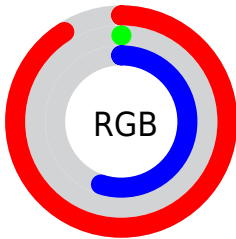
Format	Color
<b>R<sub>YB</sub></b>	232, 0, 141
Decimal	15204493
CIE <sub>Lab</sub>	50.78, 80.78, -10.32
CIE <sub>LCh</sub>	51, 81.436, 352.720
Yxy	19.0789, 0.4532, 0.2270
Android (android.graphics.Color)	4293394573 (0xFFE8008D)
YUV	85.4420, 27.3901, 128.5314
Hunter-Lab	43.6794, 79.2049, -5.9036

# Details

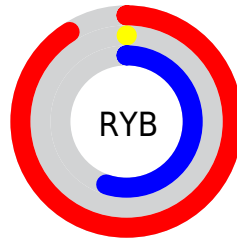
The Hex color **E8008D** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **00E85B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5FC3**, and **AA005B** is the 20% darker color. If you saturate the color by 10%, you get **E8008D**, and if you desaturate by 10%, it is **E81796**.

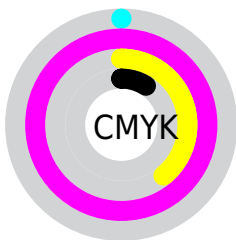
# Distribution



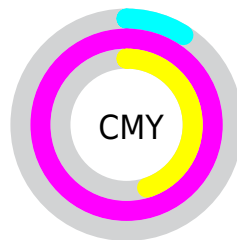
- Red (91%)
- Green (0%)
- Blue (55%)



- Red (91%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8008D 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 E8008D by changing the saturation by 10% instead.



 E8008D

 E8008D

FFFFFF

 C90073

 FF5FC3

 AA005B

 FF7FDE

 8C0044

 FF9DFB

 6E002D

 FFBBFF

 510019

 FFDAFF

 330002

 FFF8FF

 000000

 E8008D

 E81796

 E82E9F

 E846A8

 E85DB1

 E874BA

 E88BC4

 E8A2CD

 E8BAD6

 E8D1DF

# Harmonies

## Analogous

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



B945CE



E8008D



ED1848

# Triad

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



E8008D



608500



0093E8

# Complementary

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



E8008D



00E85B

# 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.



0096AD



E8008D



009014

# Square

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



E8008D



A17000



009565



0087FF

# Rectangle

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



E8008D



DE3F19



009565



0095D7



# Sweetspot

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



E8008D



FFB3E1



5900E8



80526D



000000



808080



# Same Dimension

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



E8008D



FF009B



E8001B



73676E



B3006C



33001F



# Inverse Universe

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



E8008D



FF009B



00E8CD



73676E



B3006C



33001F



# Previews

## White Background



This preview shows how the Hex color E8008D looks on a white background.

## Color Contrast Check

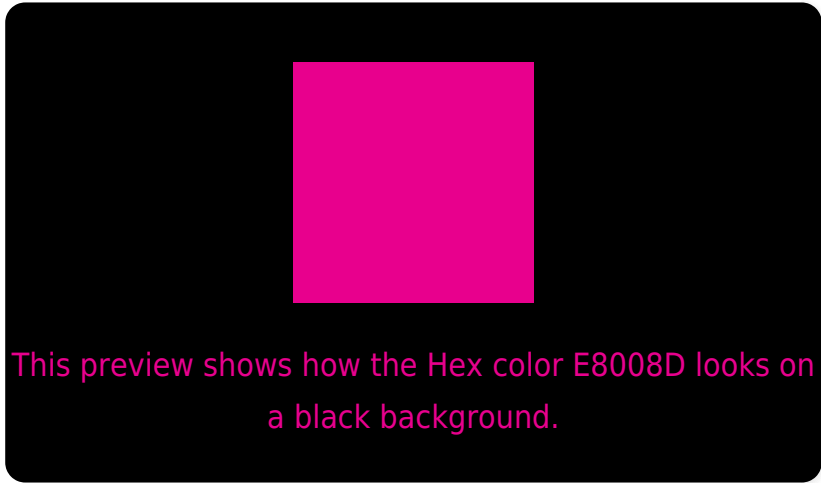
Large Text (above 18pt) WCAG AA ✓ Pass

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 E8008D Background



This preview shows how black text looks on a background with the Hex color E8008D.



This preview shows how white text looks on a background with the Hex color E8008D.

# 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**  
E33839

# Trichromacy



**Original Color**  
E8008D



**Protanomaly**  
8D4CB4



**Deuteranomaly**  
A84C87



**Tritanomaly**  
E52458

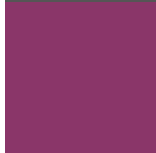
# Monochromacy



**Original Color**  
E8008D



**Achromatopsia**  
555555



**Achromatomaly**  
8A3669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8008D 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 #E8008D looks like.

```
.text, #text, p{  
    color:#E8008D  
}
```

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 #E8008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8008D
}
```

## Border

The CSS property to change the border of an element to Hex E8008D is called "border". The border property can be set on classes, ids or directly on the HTML element.

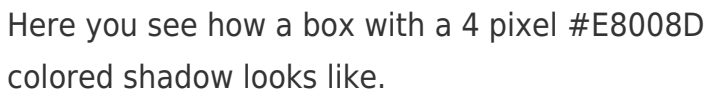
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8008D }
```

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

```
.border{ border-color:#E8008D }
```

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



Here you see how a box with a 4 pixel #E8008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8008D; -webkit-box-shadow:4px 4px  
4px 4px #E8008D; box-shadow:4px 4px 4px  
4px #E8008D }
```

# Background

The CSS property to change the background color of an element to Hex E8008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8008D }
```

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

```
.background{ background-color:#E8008D }
```

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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