

# Converting Colors

Hex(E3009E)

Have a look what the booklet for  
Hex(E3009E) contains.

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**Color**

**Hex(E3009E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3009E
RGB	227, 0, 158
RGB Percent	89%, 0%, 62%
CMY	0.1098, 1.0000, 0.3804
CMYK	0.00, 1.00, 0.30, 0.11
HSL	318°, 100%, 45%
HSV	318°, 100%, 89%
XYZ	37.8501, 18.7995, 33.9815
YIQ	85.8850, 84.5740, 97.2620

# Conversions

## Conversions Part 2

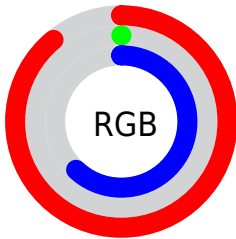
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 0, 158
Decimal	14876830
CIE <sub>Lab</sub>	50.45, 81.43, -21.09
CIE <sub>LCh</sub>	50, 84.114, 345.479
Yxy	18.7995, 0.4176, 0.2074
Android (android.graphics.Color)	4293066910 (0xFFE3009E)
YUV	85.8850, 35.5527, 123.7579
Hunter-Lab	43.3584, 79.9460, -16.1168

# Details

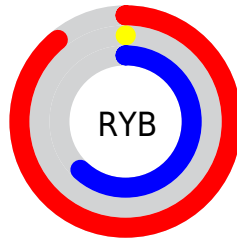
The Hex color **E3009E** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00E345**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5FD5**, and **A6006A** is the 20% darker color. If you saturate the color by 10%, you get **E3009E**, and if you desaturate by 10%, it is **E317A5**.

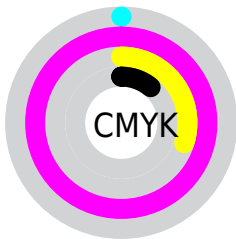
# Distribution



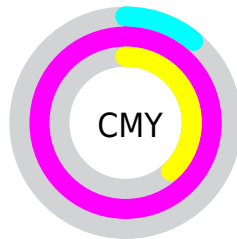
- Red (89%)
- Green (0%)
- Blue (62%)



- Red (89%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3009E 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 E3009E by changing the saturation by 10% instead.



 E3009E

 E3009E

FFFFFF

 C40084

 FF5FD5

 A6006A

 FF7EF1

 880052

 FF9DFF

 6B003B

 FFBBFF

 4F0025

 FFD9FF

 31000D

 FFF8FF

 000000

 E3009E

 E317A5

 E32DAC

 E344B3

 E35BBA

 E372C0

 E388C7

 E39FCE

 E3B6D5

 E3CCDC

# Harmonies

## Analogous

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



A64EDE



E3009E



F10057

# Triad

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



E3009E



708000



0094DE

# Complementary

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



E3009E



00E345

# 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.



00969D



E3009E



008D00

# Square

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



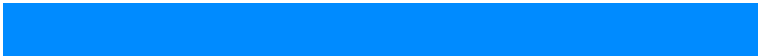
E3009E



AE6800



009351



008BFF

# Rectangle

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



E3009E



E62C28



009351



0095CA



# Sweetspot

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



E3009E



FFB3E8



4400E3



805272



000000



808080



# Same Dimension

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



E3009E



FF00B1



E3002D



73676F



B3007C



330023



# Inverse Universe

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



E3009E



FF00B1



00E3B6



73676F



B3007C



330023



# Previews

## White Background



This preview shows how the Hex color E3009E looks on a white background.

## Color Contrast Check

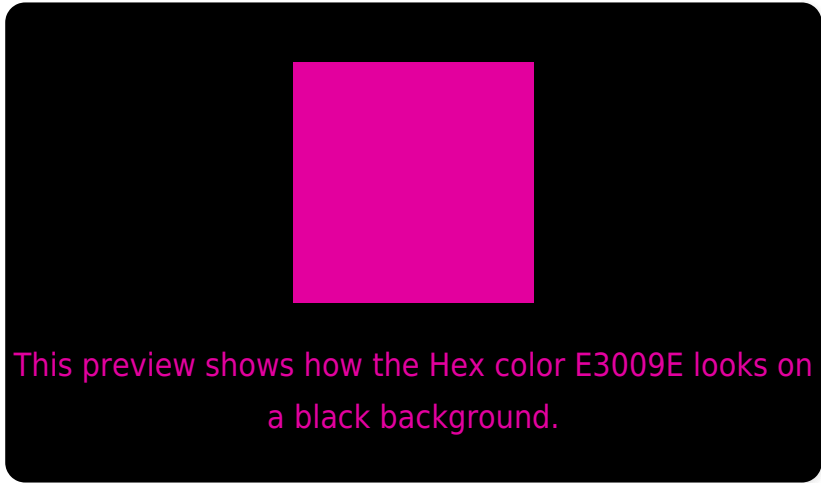
Large Text (above 18pt) WCAG AA ✓ Pass

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 E3009E Background



This preview shows how black text looks on a background with the Hex color E3009E.



This preview shows how white text looks on a background with the Hex color E3009E.

# 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**  
DD3E41

# Trichromacy



**Original Color**  
E3009E



**Protanomaly**  
7D4BC9



**Deuteranomaly**  
A04C97



**Tritanomaly**  
DF2763

# Monochromacy



**Original Color**  
E3009E



**Achromatopsia**  
565656



**Achromatomaly**  
893770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3009E 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 #E3009E looks like.

```
.text, #text, p{  
    color:#E3009E  
}
```

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 #E3009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3009E
}
```

## Border

The CSS property to change the border of an element to Hex E3009E 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
#E3009E }
```

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

```
.border{ border-color:#E3009E }
```

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

Here you see how a box with a 4 pixel #E3009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3009E; -webkit-box-shadow:4px 4px  
4px 4px #E3009E; box-shadow:4px 4px 4px  
4px #E3009E }
```

# Background

The CSS property to change the background color of an element to Hex E3009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3009E }
```

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

```
.background{ background-color:#E3009E }
```

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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