

# Converting Colors

Hex(E00599)

Have a look what the booklet for  
Hex(E00599) contains.

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**Color**

**Hex(E00599)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E00599
RGB	224, 5, 153
RGB Percent	88%, 2%, 60%
CMY	0.1216, 0.9804, 0.4000
CMYK	0.00, 0.98, 0.32, 0.12
HSL	319°, 96%, 45%
HSV	319°, 98%, 88%
XYZ	36.5445, 18.2557, 31.7346
YIQ	87.3530, 83.0160, 92.4560

# Conversions

## Conversions Part 2

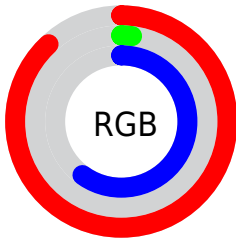
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 5, 153
Decimal	14681497
CIELab	49.80, 79.94, -19.15
CIElCh	50, 82.198, 346.530
Yxy	18.2557, 0.4223, 0.2110
Android (android.graphics.Color)	4292871577 (0xFFE00599)
YUV	87.3530, 32.3640, 119.8394
Hunter-Lab	42.7267, 77.9006, -14.1280

# Details

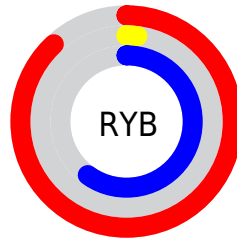
The Hex color **E00599** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **05E04C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FCF**, and **A30066** is the 20% darker color. If you saturate the color by 10%, you get **E00097**, and if you desaturate by 10%, it is **E01BA0**.

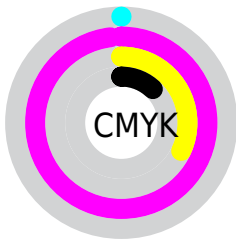
# Distribution



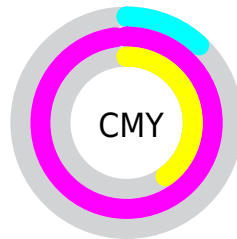
- Red (88%)
- Green (2%)
- Blue (60%)



- Red (88%)
- Yellow (2%)
- Blue (60%)



- Cyan (0%)
- Magenta (98%)
- Yellow (32%)
- Black (12%)



- Cyan (12%)
- Magenta (98%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00599 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 E00599 by changing the saturation by 10% instead.



 E00599

 E00599

FFFFFF

 C1007F

 FF5FCF

 A30066

 FF7EEC

 85004E

 FF9DFF

 680037

 FFBBFF

 4C0022

 FFD9FF

 2F0005

 FFF7FF

 000000

 E00599

 E00599

 E00097

 E01BA0

 E032A8

 E048AF

 E05FB6

 E075BD

 E08BC5

 E0A2CC

 E0B8D3

 E0CFDA

# Harmonies

## Analogous

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



A64CD8



E00599



ED0054

# Triad

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



E00599



6C7F00



0092DC

# Complementary

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



E00599



05E04C

# 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.



00939D



E00599



008C00

# Square

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



E00599



AA6800



009153



0088FF

# Rectangle

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



E00599



E12F26



009153



0093C9



# Sweetspot

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



E00599



FFB5E7



4A05E0



805371



000000



808080



# Same Dimension

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



E00599



FF00AC



E0052D



70656D



B00077



300021



# Inverse Universe

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



E00599



FF00AC



05E0B8



70656D



B00077



300021



# Previews

## White Background



This preview shows how the Hex color E00599 looks on a white background.

## Color Contrast Check

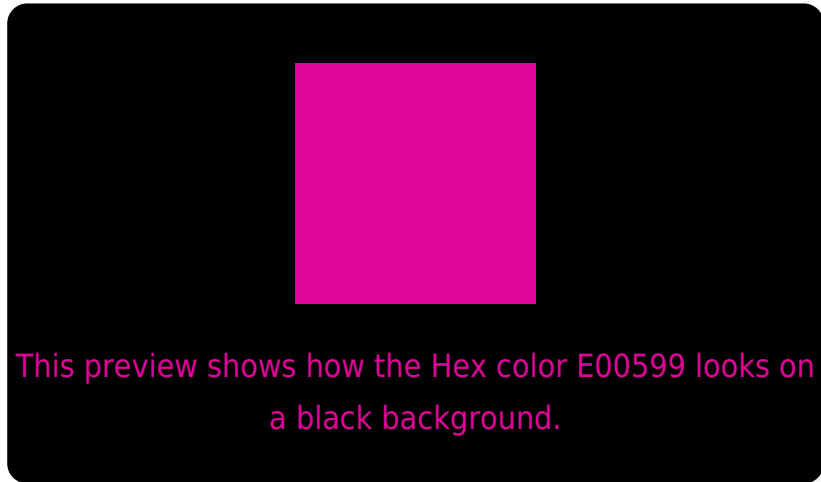
Large Text (above 18pt) WCAG AA ✓ Pass

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 E00599 Background



This preview shows how black text looks on a background with the Hex color E00599.

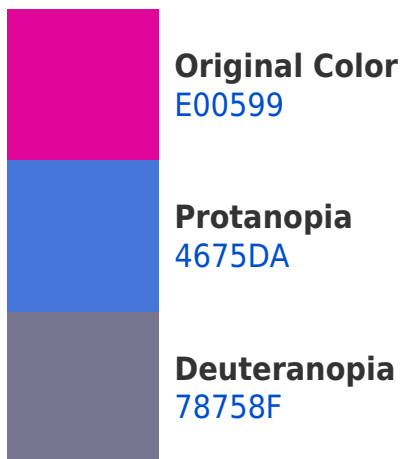


This preview shows how white text looks on a background with the Hex color E00599.

# 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





# Trichromacy



**Original Color**  
E00599



**Protanomaly**  
7E4CC2



**Deuteranomaly**  
9E4C93



**Tritanomaly**  
DC2960

# Monochromacy



**Original Color**  
E00599



**Achromatopsia**  
575757



**Achromatomaly**  
89396F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00599 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 #E00599 looks like.

```
.text, #text, p{  
    color:#E00599  
}
```

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 #E00599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00599
}
```

## Border

The CSS property to change the border of an element to Hex E00599 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
#E00599 }
```

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

```
.border{ border-color:#E00599 }
```

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

Here you see how a box with a 4 pixel #E00599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00599; -webkit-box-shadow:4px 4px  
4px 4px #E00599; box-shadow:4px 4px 4px  
4px #E00599 }
```

# Background

The CSS property to change the background color of an element to Hex E00599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00599 }
```

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

```
.background{ background-color:#E00599 }
```

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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