

# Converting Colors

Hex(E01174)

Have a look what the booklet for  
Hex(E01174) contains.

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**Color**

**Hex(E01174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E01174
RGB	224, 17, 116
RGB Percent	88%, 7%, 45%
CMY	0.1216, 0.9333, 0.5451
CMYK	0.00, 0.92, 0.48, 0.12
HSL	331°, 86%, 47%
HSV	331°, 92%, 88%
XYZ	34.0933, 17.5091, 18.1057
YIQ	90.1790, 91.5930, 74.6730

# Conversions

## Conversions Part 2

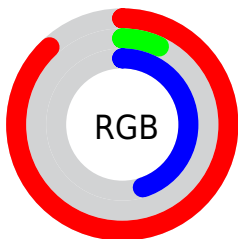
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 17, 116
Decimal	14684532
CIE <sub>Lab</sub>	48.90, 75.54, 1.91
CIE <sub>LCh</sub>	49, 75.564, 1.447
Yxy	17.5091, 0.4891, 0.2512
Android (android.graphics.Color)	4292874612 (0xFFE01174)
YUV	90.1790, 12.7298, 117.3610
Hunter-Lab	41.8439, 72.2101, 3.6362

# Details

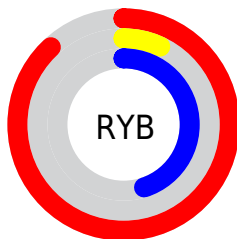
The Hex color **E01174** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **11E07D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF61A8**, and **A20044** is the 20% darker color. If you saturate the color by 10%, you get **E0006B**, and if you desaturate by 10%, it is **E02780**.

# Distribution



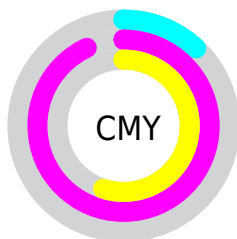
- Red (88%)
- Green (7%)
- Blue (45%)



- Red (88%)
- Yellow (7%)
- Blue (45%)



- Cyan (0%)
- Magenta (92%)
- Yellow (48%)
- Black (12%)



- Cyan (12%)
- Magenta (93%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E01174 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 E01174 by changing the saturation by 10% instead.



 E01174

 E01174

FFFFFF

 C1005C

 FF61A8

 A20044

 FF7FC3

 84002E

 FF9DDF

 65001A

 FFBBFB

 490004

 FFD9FF

 290001

 FFF7FF

 000000

 E01174

 E01174

 E0006B

 E02780

 E03E8B

 E05497

 E06BA3

 E081AE

 E097BA

 E0AEC6

 E0C4D1

 E0DBDD

# Harmonies

## Analogous

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



C139B3



E01174



DB3136

# Triad

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



E01174



488300



008AE5

# Complementary

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



E01174



11E07D

# 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.



008FB6



E01174



008B31

# Square

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



E01174



8A7300



008F76



007CF6

# Rectangle

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



E01174



C94C01



008F76



008CD8



# Sweetspot

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



E01174



FFB8DA



7C11E0



805469



000000



808080



# Same Dimension

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



E01174



FF007A



E01411



70656A



B00054



300017



# Inverse Universe

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



E01174



FF007A



11DDE0



70656A



B00054



300017



# Previews

## White Background



This preview shows how the Hex color E01174 looks on a white background.

## Color Contrast Check

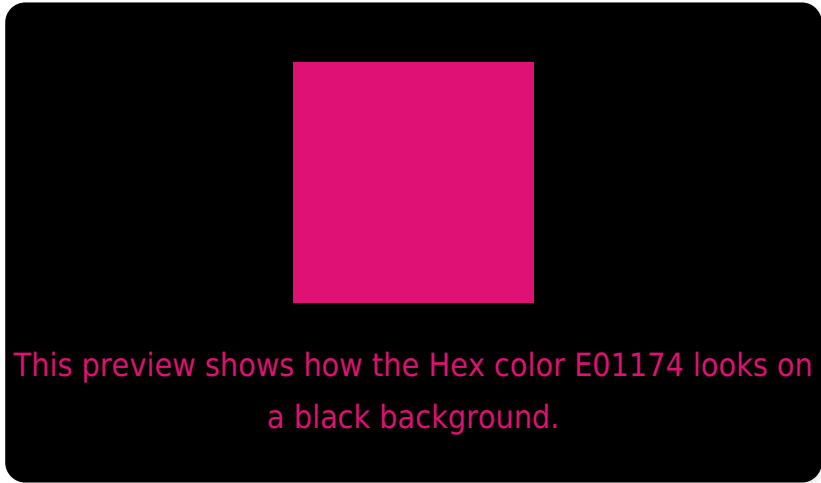
Large Text (above 18pt) WCAG AA ✓ Pass

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 E01174 Background



This preview shows how black text looks on a background with the Hex color E01174.



This preview shows how white text looks on a background with the Hex color E01174.

# 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**  
E01174



**Protanomaly**  
925094



**Deuteranomaly**  
A64E6E

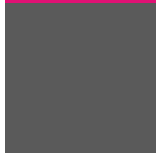


**Tritanomaly**  
DE2549

# Monochromacy



**Original Color**  
E01174



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8B3F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E01174 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 #E01174 looks like.

```
.text, #text, p{  
    color:#E01174  
}
```

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 #E01174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01174 }  
}
```

## Border

The CSS property to change the border of an element to Hex E01174 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 #E01174 }  
}
```

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

```
.border{ border-color:#E01174 }
```

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

Here you see how a box with a 4 pixel #E01174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01174; -webkit-box-shadow:4px 4px  
4px 4px #E01174; box-shadow:4px 4px 4px  
4px #E01174 }
```

# Background

The CSS property to change the background color of an element to Hex E01174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01174 }
```

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

```
.background{ background-color:#E01174 }
```

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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