

# Converting Colors

Hex(E00081)

Have a look what the booklet for  
Hex(E00081) contains.

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**Color**

**Hex(E00081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E00081
RGB	224, 0, 129
RGB Percent	88%, 0%, 51%
CMY	0.1216, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.42, 0.12
HSL	325°, 100%, 44%
HSV	325°, 100%, 88%
XYZ	34.7029, 17.4323, 22.3046
YIQ	81.6820, 92.0950, 87.6070

# Conversions

## Conversions Part 2

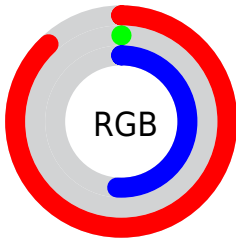
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 0, 129
Decimal	14680193
CIE <sub>Lab</sub>	48.80, 78.05, -6.17
CIE <sub>LCh</sub>	49, 78.298, 355.477
Yxy	17.4323, 0.4662, 0.2342
Android (android.graphics.Color)	4292870273 (0xFFE00081)
YUV	81.6820, 23.3278, 124.8129
Hunter-Lab	41.7520, 75.2976, -2.4473

# Details

The Hex color **E00081** 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 **00E05F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5DB6**, and **A20050** is the 20% darker color. If you saturate the color by 10%, you get **E00081**, and if you desaturate by 10%, it is **E0168B**.

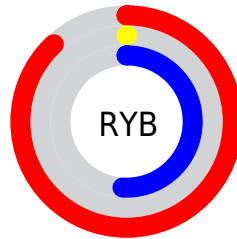
# Distribution



Red (88%)

Green (0%)

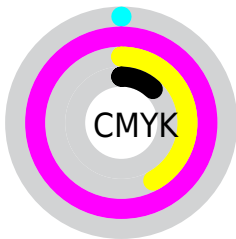
Blue (51%)



Red (88%)

Yellow (0%)

Blue (51%)

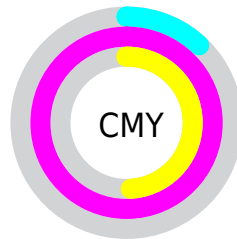


Cyan (0%)

Magenta (100%)

Yellow (42%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00081 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 E00081 by changing the saturation by 10% instead.



 E00081

 E00081

FFFFFF

 C10068

 FF5DB6

 A20050

 FF7CD1

 840039

 FF9AEE

 660024

 FFB8FF

 4A000E

 FFD6FF

 2A0001

 FFF5FF

 000000

 E00081

 E0168B

 E02D94

 E0439E

 E05AA7

 E070B1

 E086BA

 E09DC4

 E0B3CD

 E0CAD7

# Harmonies

## Analogous

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



B73FC0



E00081



E11F40

# Triad

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



E00081



568100



008CE2

# Complementary

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



E00081



00E05F

# 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.



0090AC



E00081



008A1D

# Square

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



E00081



966E00



008F68



0080FA

# Rectangle

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



E00081



D14110



008F68



008ED2



# Sweetspot

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



E00081



FFB3DF



5D00E0



80526C



000000



808080



# Same Dimension

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



E00081



FF0093



E00013



70656B



B00065



30001C



# Inverse Universe

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



E00081



FF0093



00E0CD



70656B



B00065



30001C



# Previews

## White Background



This preview shows how the Hex color E00081 looks on a white background.

## Color Contrast Check

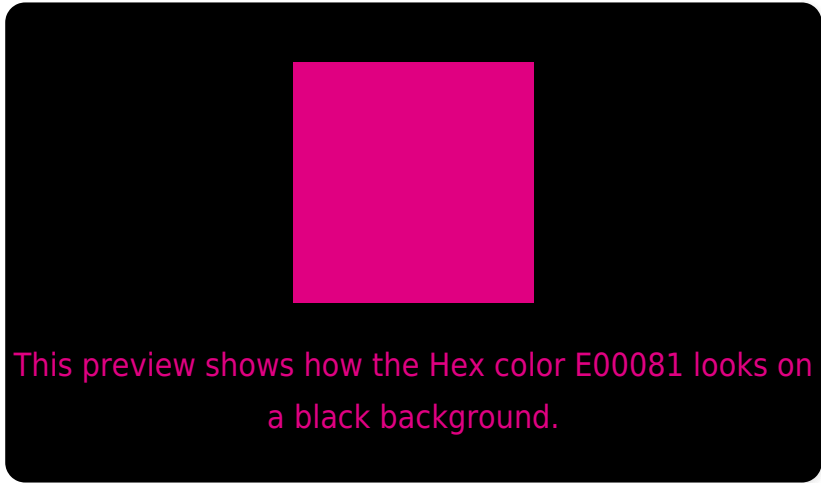
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0081 Background



This preview shows how black text looks on a background with the Hex color E0081.



This preview shows how white text looks on a background with the Hex color E0081.

# 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**  
E00081



**Protanomaly**  
8C4AA5



**Deuteranomaly**  
A3497B



**Tritanomaly**  
DD2050

# Monochromacy



**Original Color**  
E00081



**Achromatopsia**  
525252



**Achromatomaly**  
863463

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00081 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 #E00081 looks like.

```
.text, #text, p{  
    color:#E00081  
}
```

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 #E00081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00081
}
```

## Border

The CSS property to change the border of an element to Hex E00081 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
#E00081 }
```

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

```
.border{ border-color:#E00081 }
```

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

Here you see how a box with a 4 pixel #E00081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00081; -webkit-box-shadow:4px 4px  
4px 4px #E00081; box-shadow:4px 4px 4px  
4px #E00081 }
```

# Background

The CSS property to change the background color of an element to Hex E00081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00081 }
```

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

```
.background{ background-color:#E00081 }
```

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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