

# Converting Colors

Hex(E50075)

Have a look what the booklet for  
Hex(E50075) contains.

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**Color**

**Hex(E50075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E50075
RGB	229, 0, 117
RGB Percent	90%, 0%, 46%
CMY	0.1020, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.49, 0.10
HSL	329°, 100%, 45%
HSV	329°, 100%, 90%
XYZ	35.5240, 17.9424, 18.4205
YIQ	81.8090, 98.9270, 84.9350

# Conversions

## Conversions Part 2

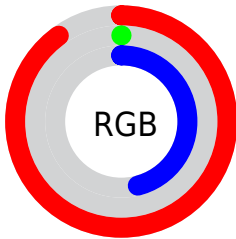
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 0, 117
Decimal	15007861
CIE <sub>Lab</sub>	49.43, 78.15, 2.19
CIE <sub>LCh</sub>	49, 78.183, 1.605
Yxy	17.9424, 0.4942, 0.2496
Android (android.graphics.Color)	4293197941 (0xFFE50075)
YUV	81.8090, 17.3492, 129.0865
Hunter-Lab	42.3584, 75.5721, 3.8673

# Details

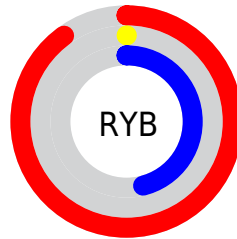
The Hex color **E50075** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00E570**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5EA9**, and **A70045** is the 20% darker color. If you saturate the color by 10%, you get **E50075**, and if you desaturate by 10%, it is **E51780**.

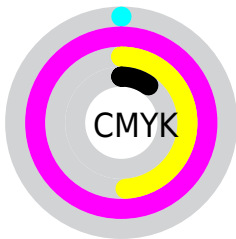
# Distribution



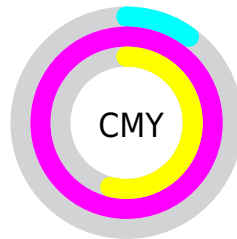
- Red (90%)
- Green (0%)
- Blue (46%)



- Red (90%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E50075 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 E50075 by changing the saturation by 10% instead.



 E50075

 E50075

FFFFFF

 C6005D

 FF5EA9

 A70045

 FF7DC4

 88002F

 FF9BE0

 69001B

 FFB9FC

 4D0004

 FFD7FF

 2D0001

 FFF6FF

 000000

 E50075

 E51780

 E52E8B

 E54597

 E55CA2

 E573AD

 E589B8

 E5A0C3

 E5B7CF

 E5CEDA

# Harmonies

## Analogous

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



C537B6



E50075



E02D34

# Triad

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



E50075



478500



008CEB

# Complementary

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



E50075



00E570

# 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.



0091BA



E50075



008D30

# Square

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



E50075



8C7400



009177



007DFC

# Rectangle

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



E50075



CC4B00



009177



008FDE



# Sweetspot

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



E50075



FFB3DA



6F00E5



805269



000000



808080



# Same Dimension

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



E50075



FF0082



E50004



73676D



B3005B



33001A



# Inverse Universe

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



E50075



FF0082



00E5E1



73676D



B3005B



33001A



# Previews

## White Background



This preview shows how the Hex color E50075 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 E50075 Background



This preview shows how black text looks on a background with the Hex color E50075.

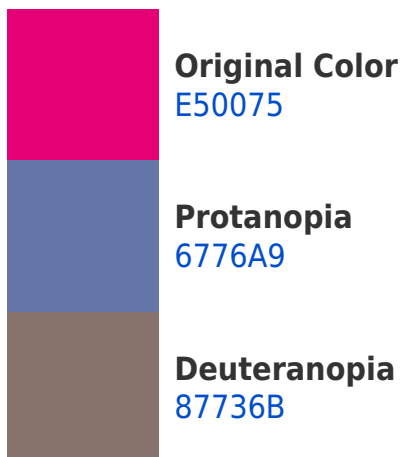


This preview shows how white text looks on a background with the Hex color E50075.

# 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**  
E50075



**Protanomaly**  
954B96



**Deuteranomaly**  
A9496F



**Tritanomaly**  
E31D48

# Monochromacy



**Original Color**  
E50075



**Achromatopsia**  
525252



**Achromatomaly**  
87345F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E50075 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 #E50075 looks like.

```
.text, #text, p{  
    color:#E50075  
}
```

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 #E50075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50075
}
```

## Border

The CSS property to change the border of an element to Hex E50075 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
#E50075 }
```

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

```
.border{ border-color:#E50075 }
```

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

Here you see how a box with a 4 pixel #E50075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50075; -webkit-box-shadow:4px 4px  
4px 4px #E50075; box-shadow:4px 4px 4px  
4px #E50075 }
```

# Background

The CSS property to change the background color of an element to Hex E50075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50075 }
```

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

```
.background{ background-color:#E50075 }
```

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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