

# Converting Colors

Hex(E6006B)

Have a look what the booklet for  
Hex(E6006B) contains.

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**Color**

**Hex(E6006B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6006B
RGB	230, 0, 107
RGB Percent	90%, 0%, 42%
CMY	0.0980, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.53, 0.10
HSL	332°, 100%, 45%
HSV	332°, 100%, 90%
XYZ	35.2870, 17.8845, 15.5021
YIQ	80.9680, 102.7330, 82.0370

# Conversions

## Conversions Part 2

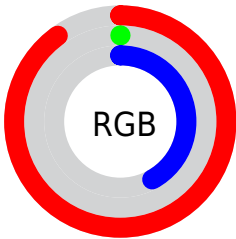
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 0, 107
Decimal	15073387
CIE <sub>Lab</sub>	49.36, 77.65, 8.25
CIE <sub>LCh</sub>	49, 78.090, 6.063
Yxy	17.8845, 0.5138, 0.2604
Android (android.graphics.Color)	4293263467 (0xFFE6006B)
YUV	80.9680, 12.8338, 130.7011
Hunter-Lab	42.2901, 74.9332, 7.8693

# Details

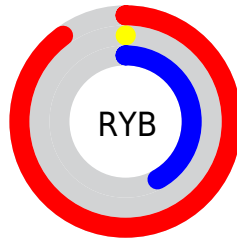
The Hex color **E6006B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00E67B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5E9E**, and **A7003C** is the 20% darker color. If you saturate the color by 10%, you get **E6006B**, and if you desaturate by 10%, it is **E61777**.

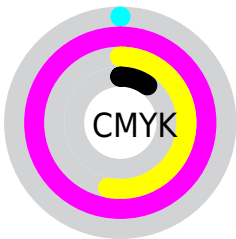
# Distribution



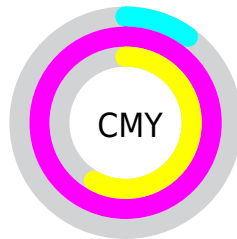
- Red (90%)
- Green (0%)
- Blue (42%)



- Red (90%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6006B 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 E6006B by changing the saturation by 10% instead.



 E6006B

 E6006B

FFFFFF

 C60053

 FF5E9E

 A7003C

 FF7DB9

 880027

 FF9BD4

 690013

 FFB9F1

 4D0004

 FFD7FF

 2C0001

 FFF5FF

 000000

 E6006B

 E61777

 E62E84

 E64590

 E65C9C

 E673A9

 E68AB5

 E6A1C1

 E6B8CD

 E6CFDA

# Harmonies

## Analogous

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



CC2FAC



E6006B



DC352A

# Triad

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



E6006B



388600



008AEF

# Complementary

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



E6006B



00E67B

# 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.



0091C2



E6006B



008E3B

# Square

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



E6006B



837700



009182



007AFB

# Rectangle

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



E6006B



C65100



009182



008DE4



# Sweetspot

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



E6006B



FFB3D6



7B00E6



805267



000000



808080



# Same Dimension

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



E6006B



FF0077



E60800



73676D



B30053



330018



# Inverse Universe

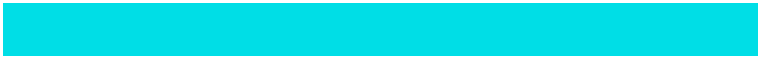
The Inverse Universe completely reimagines the original color for something new.



E6006B



FF0077



00DEE6



73676D



B30053



330018



# Previews

## White Background



This preview shows how the Hex color E6006B looks on a white background.

## Color Contrast Check

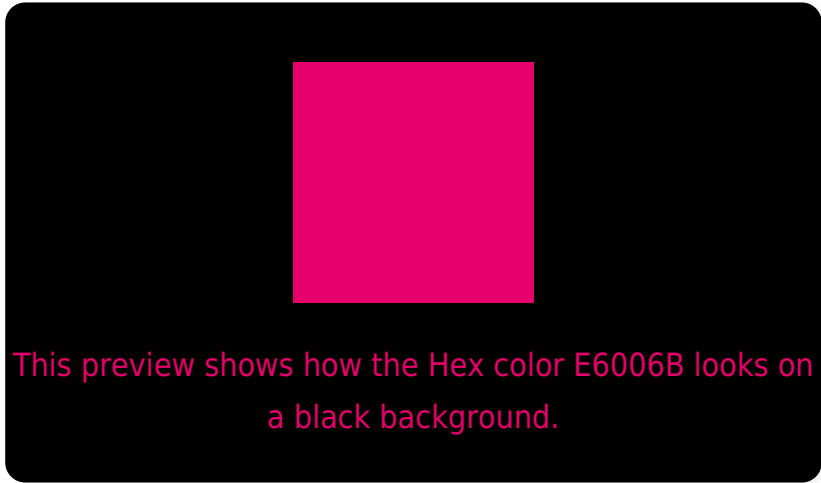
Large Text (above 18pt) WCAG AA ✓ Pass

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 E6006B Background



This preview shows how black text looks on a background with the Hex color E6006B.

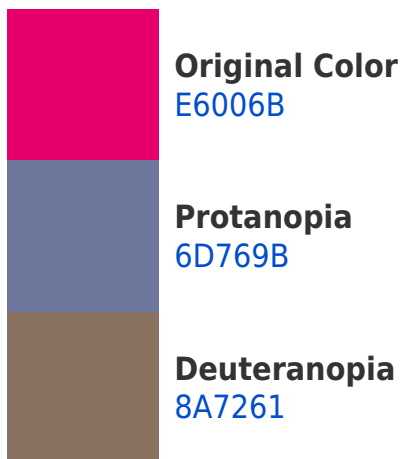


This preview shows how white text looks on a background with the Hex color E6006B.

# 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**  
E32B2A

# Trichromacy



**Original Color**  
E6006B



**Protanomaly**  
994B8A



**Deuteranomaly**  
AB4965

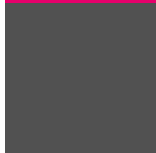


**Tritanomaly**  
E41B42

# Monochromacy



**Original Color**  
E6006B



**Achromatopsia**  
515151



**Achromatomaly**  
87345A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6006B 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 #E6006B looks like.

```
.text, #text, p{  
    color:#E6006B  
}
```

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 #E6006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6006B }  
}
```

## Border

The CSS property to change the border of an element to Hex E6006B 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".

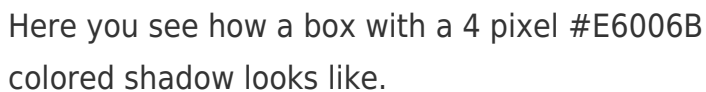
```
.border, #border, table{ border:4px solid #E6006B }  
}
```

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

```
.border{ border-color:#E6006B }
```

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

Here you see how a box with a 4 pixel #E6006B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6006B; -webkit-box-shadow:4px 4px  
4px 4px #E6006B; box-shadow:4px 4px 4px  
4px #E6006B }
```

# Background

The CSS property to change the background color of an element to Hex E6006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6006B }
```

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

```
.background{ background-color:#E6006B }
```

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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