

# Converting Colors

Hex(E4006B)

Have a look what the booklet for  
Hex(E4006B) contains.

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**Color**

**Hex(E4006B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4006B
RGB	228, 0, 107
RGB Percent	89%, 0%, 42%
CMY	0.1059, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.53, 0.11
HSL	332°, 100%, 45%
HSV	332°, 100%, 89%
XYZ	34.6488, 17.5555, 15.4723
YIQ	80.3700, 101.5410, 81.6130

# Conversions

## Conversions Part 2

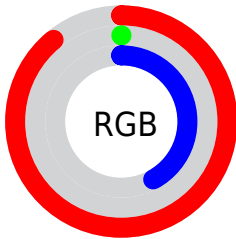
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 0, 107
Decimal	14942315
CIE <sub>Lab</sub>	48.95, 77.21, 7.62
CIE <sub>LCh</sub>	49, 77.587, 5.637
Yxy	17.5555, 0.5120, 0.2594
Android (android.graphics.Color)	4293132395 (0xFFE4006B)
YUV	80.3700, 13.1286, 129.4715
Hunter-Lab	41.8993, 74.2873, 7.4353

# Details

The Hex color **E4006B** 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 **00E479**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5D9E**, and **A5003C** is the 20% darker color. If you saturate the color by 10%, you get **E4006B**, and if you desaturate by 10%, it is **E41777**.

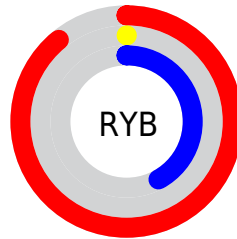
# Distribution



Red (89%)

Green (0%)

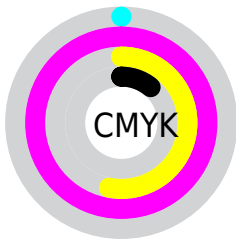
Blue (42%)



Red (89%)

Yellow (0%)

Blue (42%)

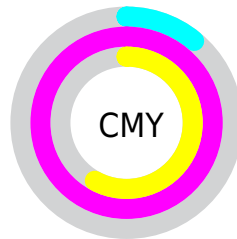


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4006B 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 E4006B by changing the saturation by 10% instead.



 E4006B

 E4006B

FFFFFF

 C40053

 FF5D9E

 A5003C

 FF7CB9

 860027

 FF9AD4

 680013

 FFB8F1

 4B0004

 FFD6FF

 2A0001

 FFF5FF

 000000

 E4006B

 E41777

 E42E83

 E4448F

 E45B9B

 E472A7

 E489B4

 E4A0C0

 E4B6CC

 E4CDD8

# Harmonies

## Analogous

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



CA2FAC



E4006B



DA332B

# Triad

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



E4006B



398500



0089ED

# Complementary

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



E4006B



00E479

# 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.



008FC0



E4006B



008D3A

# Square

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



E4006B



837600



00907F



0079F9

# Rectangle

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



E4006B



C55000



00907F



008CE1



# Sweetspot

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



E4006B



FFB3D6



7600E4



805267



000000



808080



# Same Dimension

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



E4006B



FF0078



E40400



73676D



B30054



330018



# Inverse Universe

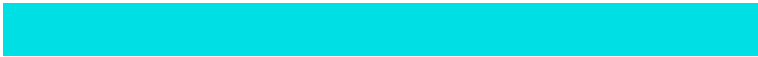
The Inverse Universe completely reimagines the original color for something new.



E4006B



FF0078



00E0E4



73676D



B30054



330018



# Previews

## White Background



This preview shows how the Hex color E4006B looks on a white background.

## Color Contrast Check

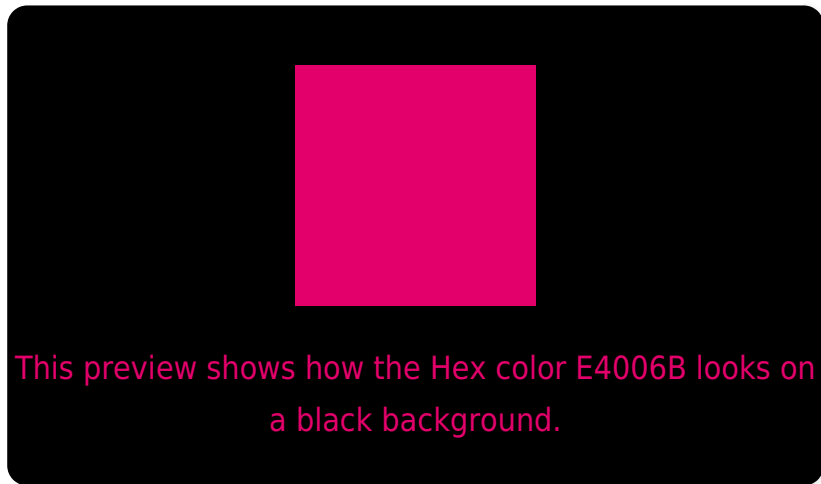
Large Text (above 18pt) WCAG AA ✓ Pass

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 E4006B Background



This preview shows how black text looks on a background with the Hex color E4006B.



This preview shows how white text looks on a background with the Hex color E4006B.

# 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



**Original Color**  
E4006B

**Protanopia**  
6C759B

**Deuteranopia**  
897262



# Trichromacy



**Original Color**  
E4006B



**Protanomaly**  
984A8A



**Deuteranomaly**  
AA4965



**Tritanomaly**  
E21B42

# Monochromacy



**Original Color**  
E4006B



**Achromatopsia**  
505050



**Achromatomaly**  
86335A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4006B 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 #E4006B looks like.

```
.text, #text, p{  
    color:#E4006B  
}
```

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 #E4006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4006B
}
```

## Border

The CSS property to change the border of an element to Hex E4006B 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
#E4006B }
```

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

```
.border{ border-color:#E4006B }
```

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

Here you see how a box with a 4 pixel #E4006B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4006B; -webkit-box-shadow:4px 4px  
4px 4px #E4006B; box-shadow:4px 4px 4px  
4px #E4006B }
```

# Background

The CSS property to change the background color of an element to Hex E4006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4006B }
```

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

```
.background{ background-color:#E4006B }
```

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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