

# Converting Colors

Hex(E3006D)

Have a look what the booklet for  
Hex(E3006D) contains.

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**Color**

**Hex(E3006D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3006D
RGB	227, 0, 109
RGB Percent	89%, 0%, 43%
CMY	0.1098, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.52, 0.11
HSL	331°, 100%, 45%
HSV	331°, 100%, 89%
XYZ	34.4389, 17.4350, 16.0182
YIQ	80.2990, 100.3030, 82.0230

# Conversions

## Conversions Part 2

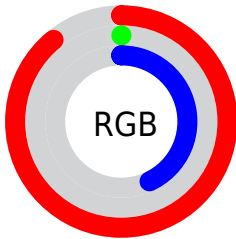
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 0, 109
Decimal	14876781
CIE <sub>Lab</sub>	48.80, 77.13, 6.15
CIE <sub>LCh</sub>	49, 77.376, 4.559
Yxy	17.4350, 0.5073, 0.2568
Android (android.graphics.Color)	4293066861 (0xFFE3006D)
YUV	80.2990, 14.1496, 128.6568
Hunter-Lab	41.7553, 74.1514, 6.4838

# Details

The Hex color **E3006D** 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 **00E376**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5DA0**, and **A4003E** is the 20% darker color. If you saturate the color by 10%, you get **E3006D**, and if you desaturate by 10%, it is **E31779**.

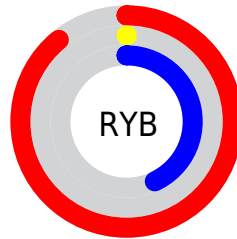
# Distribution



Red (89%)

Green (0%)

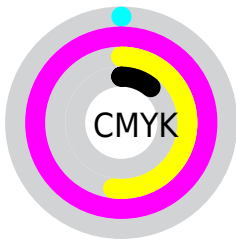
Blue (43%)



Red (89%)

Yellow (0%)

Blue (43%)

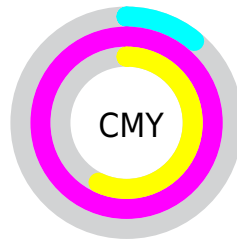


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3006D 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 E3006D by changing the saturation by 10% instead.



 E3006D

 E3006D

FFFFFF

 C40055

 FF5DA0

 A4003E

 FF7CBB

 860029

 FF9AD7

 670015

 FFB8F3

 4A0004

 FFD6FF

 2A0001

 FFF4FF

 000000

 E3006D

 E31779

 E32D85

 E34490

 E35B9C

 E372A8

 E388B4

 E39FC0

 E3B6CB

 E3CCD7

# Harmonies

## Analogous

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



C831AE



E3006D



DB322D

# Triad

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



E3006D



3D8400



0089EB

# Complementary

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



E3006D



00E376

# 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.



008FBD



E3006D



008C37

# Square

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



E3006D



847500



008F7D



007AF9

# Rectangle

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



E3006D



C64E00



008F7D



008CDF



# Sweetspot

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



E3006D



FFB3D7



7500E3



805268



000000



808080



# Same Dimension

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



E3006D



FF007A



E30400



73676D



B30056



330018



# Inverse Universe

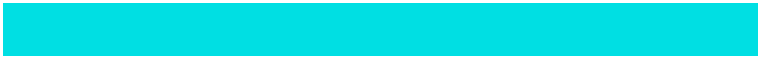
The Inverse Universe completely reimagines the original color for something new.



E3006D



FF007A



00DFE3



73676D



B30056



330018



# Previews

## White Background



This preview shows how the Hex color E3006D looks on a white background.

## Color Contrast Check

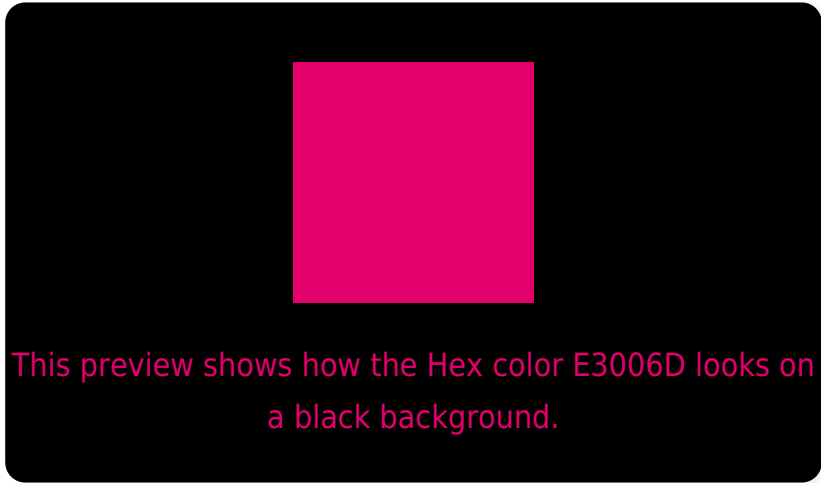
Large Text (above 18pt) WCAG AA ✓ Pass

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 E3006D Background



This preview shows how black text looks on a background with the Hex color E3006D.

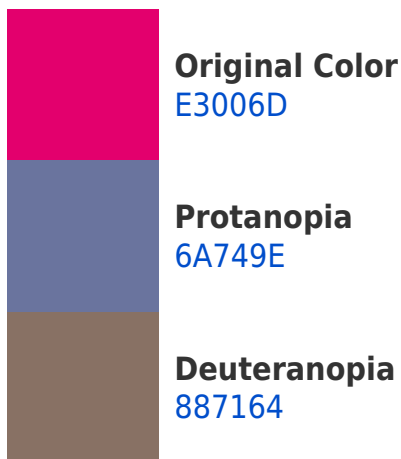


This preview shows how white text looks on a background with the Hex color E3006D.

# 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**  
E02B2B

# Trichromacy



**Original Color**  
E3006D



**Protanomaly**  
964A8C



**Deuteranomaly**  
A94867



**Tritanomaly**  
E11B43

# Monochromacy



**Original Color**  
E3006D



**Achromatopsia**  
505050



**Achromatomaly**  
85335B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3006D 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 #E3006D looks like.

```
.text, #text, p{  
    color:#E3006D  
}
```

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 #E3006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3006D
}
```

## Border

The CSS property to change the border of an element to Hex E3006D 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".

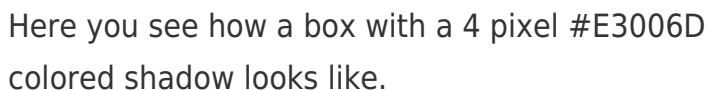
```
.border, #border, table{ border:4px solid
#E3006D }
```

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

```
.border{ border-color:#E3006D }
```

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

Here you see how a box with a 4 pixel #E3006D colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3006D; -webkit-box-shadow:4px 4px  
4px 4px #E3006D; box-shadow:4px 4px 4px  
4px #E3006D }
```

# Background

The CSS property to change the background color of an element to Hex E3006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3006D }
```

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

```
.background{ background-color:#E3006D }
```

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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