

# Converting Colors

Hex(ED006C)

Have a look what the booklet for  
Hex(ED006C) contains.

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**Color**

**Hex(ED006C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED006C
RGB	237, 0, 108
RGB Percent	93%, 0%, 42%
CMY	0.0706, 1.0000, 0.5765
CMYK	0.00, 1.00, 0.54, 0.07
HSL	333°, 100%, 46%
HSV	333°, 100%, 93%
XYZ	37.6318, 19.0872, 15.8881
YIQ	83.1750, 106.5840, 83.8320

# Conversions

## Conversions Part 2

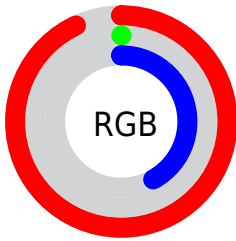
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 0, 108
Decimal	15532140
CIE <sub>Lab</sub>	50.79, 79.26, 9.86
CIE <sub>LCh</sub>	51, 79.876, 7.091
Yxy	19.0872, 0.5183, 0.2629
Android (android.graphics.Color)	4293722220 (0xFFED006C)
YUV	83.1750, 12.2387, 134.9045
Hunter-Lab	43.6889, 77.2968, 9.0206

# Details

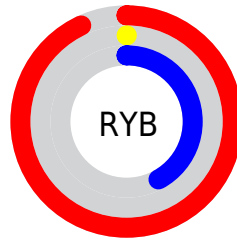
The Hex color **ED006C** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **00ED81**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5F9F**, and **AE003D** is the 20% darker color. If you saturate the color by 10%, you get **ED006C**, and if you desaturate by 10%, it is **ED1879**.

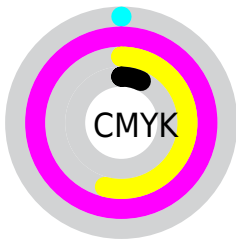
# Distribution



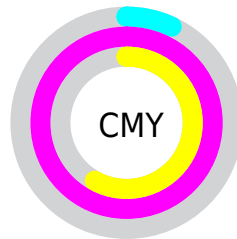
- Red (93%)
- Green (0%)
- Blue (42%)



- Red (93%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED006C 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 ED006C by changing the saturation by 10% instead.



 ED006C

 ED006C

FFFFFF

 CD0054

 FF5F9F

 AE003D

 FF7EBA

 8E0028

 FF9DD5

 6F0014

 FFBBF2

 520004

 FFD9FF

 320002

 FFF8FF

 000000

 ED006C

 ED1879

 ED2F86

 ED4793

 ED5FA0

 ED76AC

 ED8EB9

 EDA6C6

 EDBED3

 EDD5E0

# Harmonies

## Analogous

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



D42EAF



ED006C



E2382A

# Triad

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



ED006C



368B00



008EF8

# Complementary

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



ED006C



00ED81

# 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.



0095CA



ED006C



009240

# Square

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



ED006C



857C00



009588



007DFF

# Rectangle

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



ED006C



CB5500



009588



0091EC



# Sweetspot

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



ED006C



FFB3D5



7E00ED



805267



000000



808080



# Same Dimension

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



ED006C



FF0074



ED0800



756A6F



B50053



360018



# Inverse Universe

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



ED006C



FF0074



00E5ED



756A6F



B50053



360018



# Previews

## White Background



This preview shows how the Hex color ED006C looks on a white background.

## Color Contrast Check

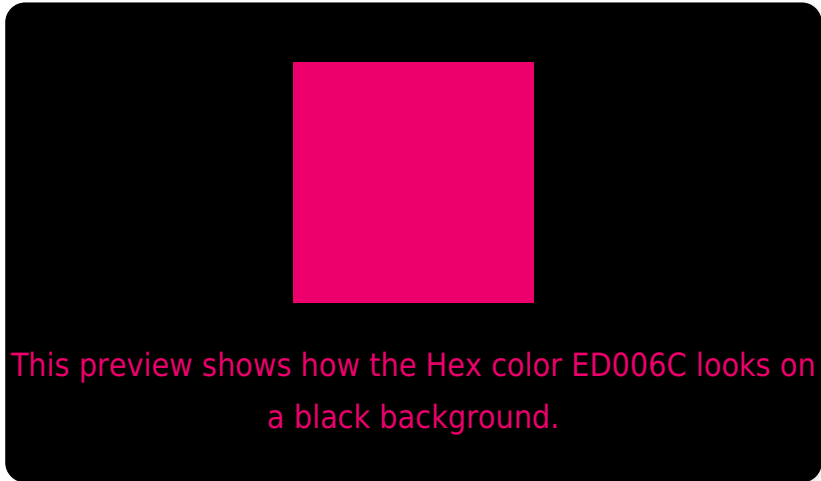
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ED006C Background



This preview shows how black text looks on a background with the Hex color ED006C.



This preview shows how white text looks on a background with the Hex color ED006C.

# 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**  
ED006C

**Protanopia**  
72799D

**Deuteranopia**  
8F7662



**Tritanopia**  
EA2B2A

# Trichromacy



**Original Color**  
ED006C



**Protanomaly**  
9F4D8B



**Deuteranomaly**  
B14B66



**Tritanomaly**  
EB1B42

# Monochromacy



**Original Color**  
ED006C



**Achromatopsia**  
535353



**Achromatomaly**  
8B355C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED006C 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 #ED006C looks like.

```
.text, #text, p{  
    color:#ED006C  
}
```

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 #ED006C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED006C
}
```

## Border

The CSS property to change the border of an element to Hex ED006C 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
#ED006C }
```

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

```
.border{ border-color:#ED006C }
```

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

Here you see how a box with a 4 pixel #ED006C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED006C; -webkit-box-shadow:4px 4px  
4px 4px #ED006C; box-shadow:4px 4px 4px  
4px #ED006C }
```

# Background

The CSS property to change the background color of an element to Hex ED006C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED006C }
```

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

```
.background{ background-color:#ED006C }
```

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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