

# Converting Colors

Hex(E60056)

Have a look what the booklet for  
Hex(E60056) contains.

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**Color**

**Hex(E60056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E60056
RGB	230, 0, 86
RGB Percent	90%, 0%, 34%
CMY	0.0980, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.63, 0.10
HSL	338°, 100%, 45%
HSV	338°, 100%, 90%
XYZ	34.3128, 17.4949, 10.3725
YIQ	78.5740, 109.4740, 75.5060

# Conversions

## Conversions Part 2

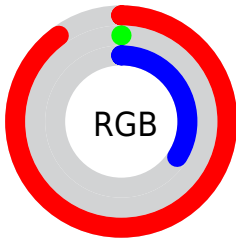
<b>Format</b>	<b>Color</b>
<b>RYB</b>	230, 0, 86
Decimal	15073366
CIELab	48.88, 76.38, 20.52
CIELCh	49, 79.084, 15.036
Yxy	17.4949, 0.5518, 0.2814
Android (android.graphics.Color)	4293263446 (0xFFE60056)
YUV	78.5740, 3.6610, 132.8006
Hunter-Lab	41.8269, 73.2361, 14.5758

# Details

The Hex color **E60056** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00E690**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5D87**, and **A6002A** is the 20% darker color. If you saturate the color by 10%, you get **E60056**, and if you desaturate by 10%, it is **E61764**.

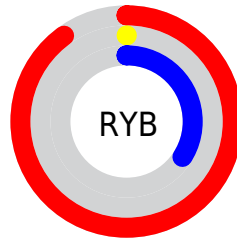
# Distribution



Red (90%)

Green (0%)

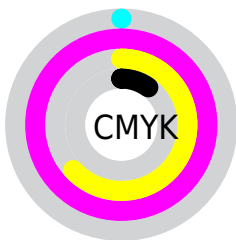
Blue (34%)



Red (90%)

Yellow (0%)

Blue (34%)

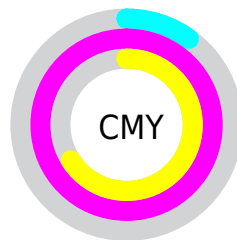


Cyan (0%)

Magenta (100%)

Yellow (63%)

Black (10%)



Cyan (10%)

Magenta (100%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E60056 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 E60056 by changing the saturation by 10% instead.



 E60056

 E60056

FFFFFF

 C6003F

 FF5D87

 A6002A

 FF7CA1

 870016

 FF9ABC

 680002

 FFB8D8

 4A0004

 FFD6F4

 290001

 FFF4FF

 000000

 E60056

 E61764

 E62E73

 E64581

 E65C90

 E6739E

 E68AAC

 E6A1BB

 E6B8C9

 E6CFD8

# Harmonies

## Analogous

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



D81799



E60056



D34011

# Triad

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



E60056



008800



0086F7

# Complementary

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



E60056



00E690

# 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.



008ED3



E60056



008E4F

# Square

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



E60056



6E7C00



009095



0071F8

# Rectangle

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



E60056



B95A00



009095



008AEF



# Sweetspot

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



E60056



FFB3CF



8E00E6



805263



000000



808080



# Same Dimension

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



E60056



FF005F



E61B00



73676C



B30043



330013



# Inverse Universe

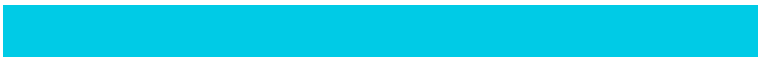
The Inverse Universe completely reimagines the original color for something new.



E60056



FF005F



00CBE6



73676C



B30043



330013



# Previews

## White Background



This preview shows how the Hex color E60056 looks on a white background.

## Color Contrast Check

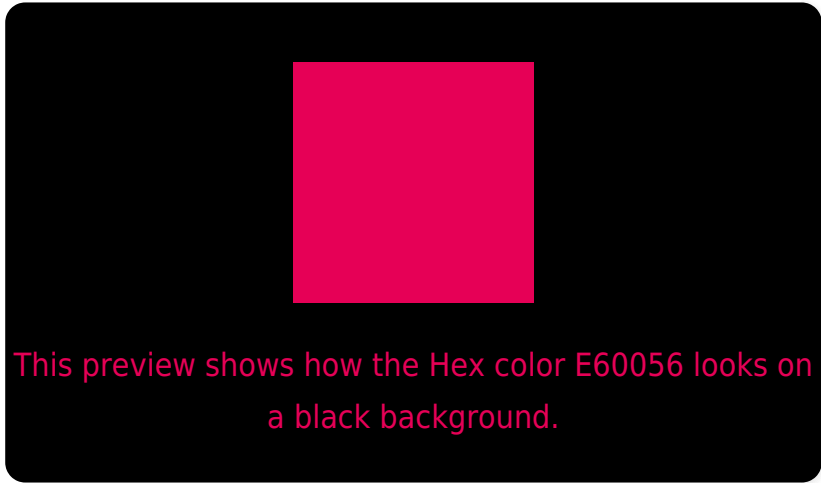
Large Text (above 18pt) WCAG AA ✓ Pass

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 E60056 Background



This preview shows how black text looks on a background with the Hex color E60056.



This preview shows how white text looks on a background with the Hex color E60056.

# 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**  
E60056

**Protanopia**  
76757E

**Deuteranopia**  
8E714C



**Tritanopia**  
E42320

# Trichromacy



**Original Color**  
E60056



**Protanomaly**  
9F4A6F



**Deuteranomaly**  
AE4850



**Tritanomaly**  
E51634

# Monochromacy



**Original Color**  
E60056



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
863252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E60056 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 #E60056 looks like.

```
.text, #text, p{  
    color:#E60056  
}
```

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 #E60056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E60056
}
```

## Border

The CSS property to change the border of an element to Hex E60056 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
#E60056 }
```

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

```
.border{ border-color:#E60056 }
```

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

Here you see how a box with a 4 pixel #E60056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E60056; -webkit-box-shadow:4px 4px  
4px 4px #E60056; box-shadow:4px 4px 4px  
4px #E60056 }
```

# Background

The CSS property to change the background color of an element to Hex E60056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E60056 }
```

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

```
.background{ background-color:#E60056 }
```

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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