

Converting Colors

Hex(E6003F)

Have a look what the booklet for
Hex(E6003F) contains.

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Color

Hex(E6003F)

Conversions

Conversions Part 1

Format	Color
Hex	E6003F
RGB	230, 0, 63
RGB Percent	90%, 0%, 25%
CMY	0.0980, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.73, 0.10
HSL	344°, 100%, 45%
HSV	344°, 100%, 90%
XYZ	33.5303, 17.1819, 6.2518
YIQ	75.9520, 116.8570, 68.3530

Conversions

Conversions Part 2

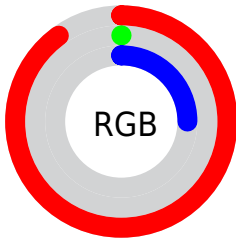
Format	Color
R_{YB}	230, 0, 63
Decimal	15073343
CIE Lab	48.49, 75.33, 34.03
CIE LCh	48, 82.657, 24.311
Yxy	17.1819, 0.5886, 0.3016
Android (android.graphics.Color)	4293263423 (0xFFE6003F)
YUV	75.9520, -6.3853, 135.1001
Hunter-Lab	41.4510, 71.8519, 20.0734

Details

The Hex color **E6003F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00E6A7**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5C6E**, and **A50015** is the 20% darker color. If you saturate the color by 10%, you get **E6003F**, and if you desaturate by 10%, it is **E61750**.

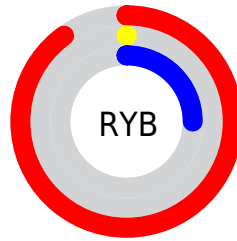
Distribution



Red (90%)

Green (0%)

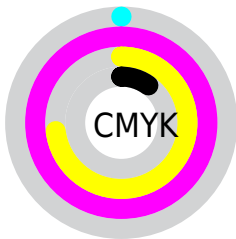
Blue (25%)



Red (90%)

Yellow (0%)

Blue (25%)

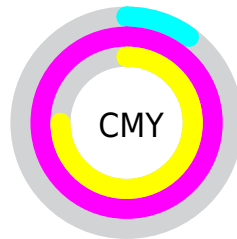


Cyan (0%)

Magenta (100%)

Yellow (73%)

Black (10%)



Cyan (10%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6003F 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 E6003F by changing the saturation by 10% instead.

 E6003F

 E6003F

FFFFFF

 C50029

 FF5C6E

 A50015

 FF7B88

 860000

 FF99A2

 650002

 FFB7BD

 480004

 FFD5D9

 270001

 FFF3F5

 000000

 E6003F

 E61750

 E62E60

 E64571

 E65C82

 E67392

 E68AA3

 E6A1B4

 E6B8C5

 E6CFD5

Harmonies

Analogous

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



E40084



E6003F



C94900

Triad

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



E6003F



008A0F



0081FF

Complementary

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



E6003F



00E6A7

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.



008DE5



E6003F



008F63

Square

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



E6003F



558000



0090AB



3B67F5

Rectangle

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



E6003F



AA6200



0090AB



0086FC

Sweetspot

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



E6003F



FFB3C7



A500E6



80525E



000000



808080

Same Dimension

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



E6003F



FF0046



E63200



73676A



B30031



33000E

Inverse Universe

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



E6003F



FF0046



00B4E6



73676A



B30031



33000E

Previews

White Background



This preview shows how the Hex color E6003F looks on a white background.

Color Contrast Check

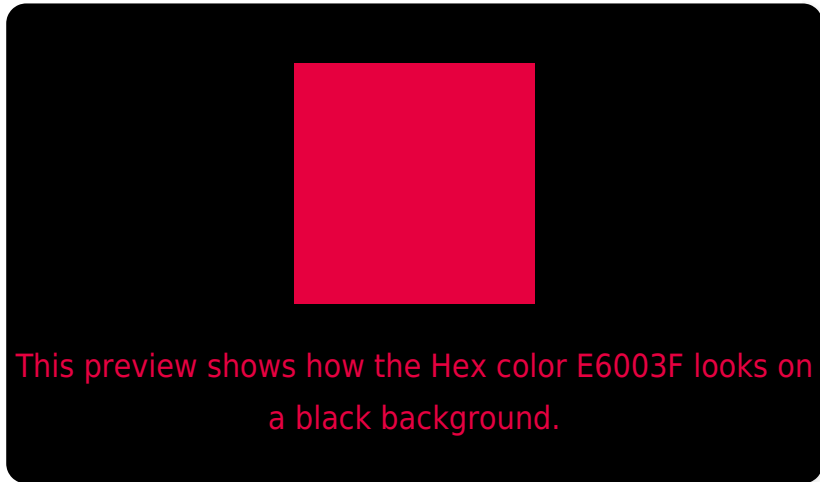
Large Text (above 18pt) WCAG AA ✓ Pass

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 E6003F Background



This preview shows how black text looks on a background with the Hex color E6003F.



This preview shows how white text looks on a background with the Hex color E6003F.

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
E6003F

Protanopia
7C755E

Deuteranopia
916F33

Trichromacy



Original Color
E6003F



Protanomaly
A34A53



Deuteranomaly
B04737



Tritanomaly
E51123

Monochromacy



Original Color
E6003F



Achromatopsia
4C4C4C



Achromatomaly
843047

CSS Examples

Text

The CSS property to change the color of the text to Hex E6003F 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 #E6003F looks like.

```
.text, #text, p{  
    color:#E6003F  
}
```

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 #E6003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6003F
}
```

Border

The CSS property to change the border of an element to Hex E6003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

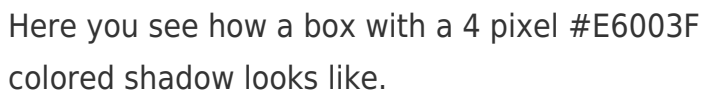
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E6003F }
```

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

```
.border{ border-color:#E6003F }
```

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



Here you see how a box with a 4 pixel #E6003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6003F; -webkit-box-shadow:4px 4px  
4px 4px #E6003F; box-shadow:4px 4px 4px  
4px #E6003F }
```

Background

The CSS property to change the background color of an element to Hex E6003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6003F }
```

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

```
.background{ background-color:#E6003F }
```

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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