

Converting Colors

Hex(00E03C)

Have a look what the booklet for
Hex(00E03C) contains.

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Color

Hex(00E03C)

Conversions

Conversions Part 1

Format	Color
Hex	00E03C
RGB	0, 224, 60
RGB Percent	0%, 88%, 24%
CMY	1.0000, 0.1216, 0.7647
CMYK	1.00, 0.00, 0.73, 0.12
HSL	136°, 100%, 44%
HSV	136°, 100%, 88%
XYZ	27.4713, 53.6376, 13.1802
YIQ	138.3280, -80.8600, -98.4920

Conversions

Conversions Part 2

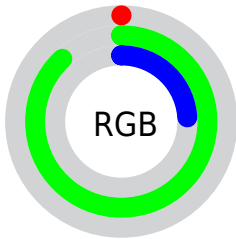
Format	Color
RYB	0, 177, 224
Decimal	57404
CIELab	78.25, -75.66, 63.56
CIELCh	78, 98.821, 139.967
Yxy	53.6376, 0.2914, 0.5689
Android (android.graphics.Color)	4278247484 (0xFF00E03C)
YUV	138.3280, -38.6157, -121.3137
Hunter-Lab	73.2377, -61.2110, 40.5963

Details

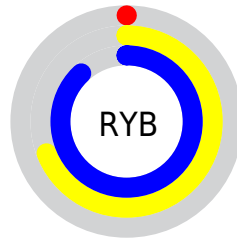
The Hex color **00E03C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E000A4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6DFF75**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **00E03C**, and if you desaturate by 10%, it is **16E04C**.

Distribution



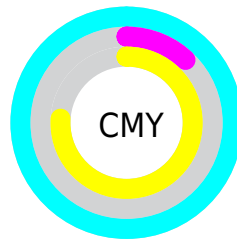
- Red (0%)
- Green (88%)
- Blue (24%)



- Red (0%)
- Yellow (69%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E03C 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 00E03C by changing the saturation by 10% instead.

 00E03C

 00E03C

FFFFFF

 00C31A

 6DFF75

 00A700

 8FFF91

 008B00

 B0FFAD

 007000

 CFFFCA

 005600

 EFFF7E

 003E00

 002300

 000000

 00E03C

 16E04C

 2DE05D

 43E06D

 5AE07E

 70E08E

 86E09E

 9DE0AF

 B3E0BF

 CAE0D0

Harmonies

Analogous

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



AFCF00



00E03C



00E89E

Triad

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



00E03C



00D6FF



FF5A89

Complementary

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



00E03C



E000A4

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.



FF58E5



00E03C



6AB7FF

Square

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



00E03C



00E5FF



FF88FF



FF882F

Rectangle

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



00E03C



00EADF



FF88FF



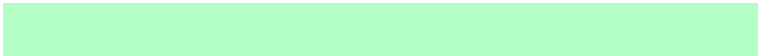
FF51A7

Sweetspot

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



00E03C



B3FFC7



A4E000



52805E



000000



808080

Same Dimension

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



00E03C



00FF44



00E0AC



657068



00B02F



00300D

Inverse Universe

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



E000A4



FF00BB



E00034



70656D



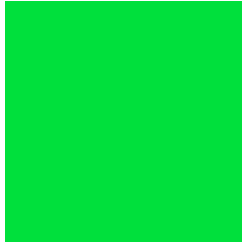
B00081



300023

Previews

White Background



This preview shows how the Hex color 00E03C looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00E03C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

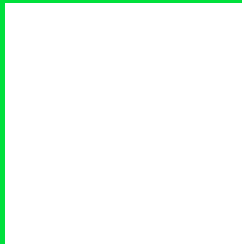
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00E03C Background



This preview shows how black text looks on a background with the Hex color 00E03C.

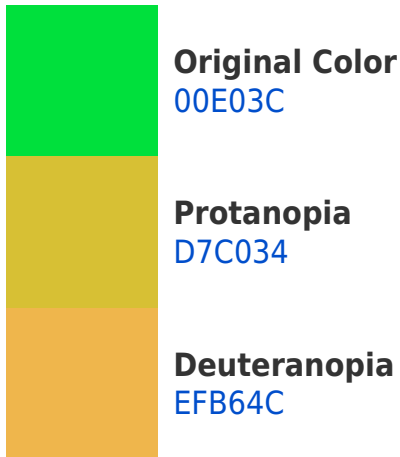


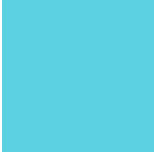
This preview shows how white text looks on a background with the Hex color 00E03C.

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
5CD1E2

Trichromacy



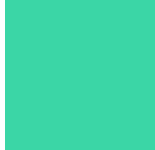
Original Color
00E03C



Protanomaly
89CC37



Deuteranomaly
98C546



Tritanomaly
3BD6A6

Monochromacy



Original Color
00E03C



Achromatopsia
8A8A8A



Achromatomaly
58A96E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E03C 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 #00E03C looks like.

```
.text, #text, p{  
    color:#00E03C  
}
```

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 #00E03C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E03C
}
```

Border

The CSS property to change the border of an element to Hex 00E03C 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
#00E03C }
```

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

```
.border{ border-color:#00E03C }
```

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

Here you see how a box with a 4 pixel #00E03C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E03C; -webkit-box-shadow:4px 4px  
4px 4px #00E03C; box-shadow:4px 4px 4px  
4px #00E03C }
```

Background

The CSS property to change the background color of an element to Hex 00E03C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E03C }
```

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

```
.background{ background-color:#00E03C }
```

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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