

Converting Colors

Hex(00E04B)

Have a look what the booklet for
Hex(00E04B) contains.

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Color

Hex(00E04B)

Conversions

Conversions Part 1

Format	Color
Hex	00E04B
RGB	0, 224, 75
RGB Percent	0%, 88%, 29%
CMY	1.0000, 0.1216, 0.7059
CMYK	1.00, 0.00, 0.67, 0.12
HSL	140°, 100%, 44%
HSV	140°, 100%, 88%
XYZ	27.9257, 53.8193, 15.5729
YIQ	140.0380, -85.6750, -93.8270

Conversions

Conversions Part 2

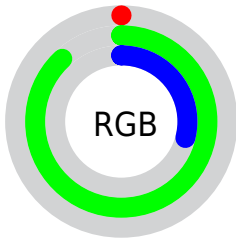
Format	Color
RYB	0, 168, 224
Decimal	57419
CIELab	78.36, -74.31, 58.09
CIELCh	78, 94.321, 141.984
Yxy	53.8193, 0.2870, 0.5530
Android (android.graphics.Color)	4278247499 (0xFF00E04B)
YUV	140.0380, -32.0637, -122.8133
Hunter-Lab	73.3616, -60.4355, 38.7673

Details

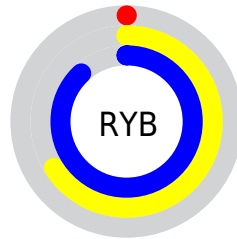
The Hex color **00E04B** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E00095**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DFF82**, and **00A707** is the 20% darker color. If you saturate the color by 10%, you get **00E04B**, and if you desaturate by 10%, it is **16E05A**.

Distribution



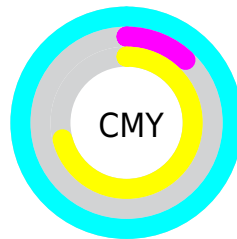
- Red (0%)
- Green (88%)
- Blue (29%)



- Red (0%)
- Yellow (66%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E04B 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 00E04B by changing the saturation by 10% instead.

 00E04B

 00E04B

FFFFFF

 00C32E

 6DFF82

 00A707

 8EFF9E

 008B00

 AFFFBA

 007000

 CEFFD6

 005600

 EEEFF4

 003E00

 002400

 000000

 00E04B

 16E05A

 2DE069

 43E078

 5AE087

 70E096

 86E0A4

 9DE0B3

 B3E0C2

 CAE0D1

Harmonies

Analogous

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



ABD100



00E04B



00E7A7

Triad

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



00E04B



00D4FF



FF6686

Complementary

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



00E04B



E00095

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.



FF61DD



00E04B



86B5FF

Square

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



00E04B



00E4FF



FF89FF



FF8F32

Rectangle

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



00E04B



00E9E4



FF89FF



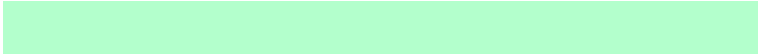
FF5EA3

Sweetspot

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



00E04B



B3FFCC



95E000



528061



000000



808080

Same Dimension

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



00E04B



00FF55



00E0BB



657069



00B03B



003010

Inverse Universe

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



E00095



FF00AA



E00025



70656C



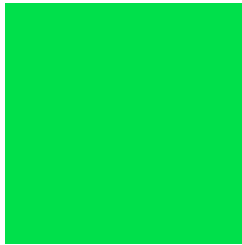
B00075



300020

Previews

White Background



This preview shows how the Hex color 00E04B 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 00E04B 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 00E04B Background



This preview shows how black text looks on a background with the Hex color 00E04B.

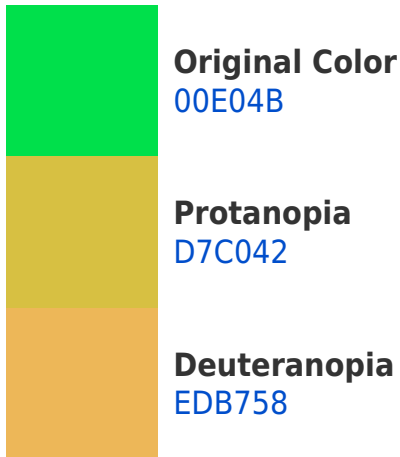


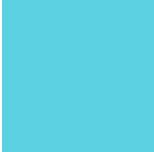
This preview shows how white text looks on a background with the Hex color 00E04B.

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
5BD1E2

Trichromacy



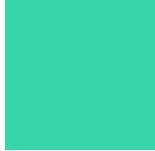
Original Color
00E04B



Protanomaly
89CC45



Deuteranomaly
97C653



Tritanomaly
3AD6AB

Monochromacy



Original Color
00E04B



Achromatopsia
8C8C8C



Achromatomaly
59AB74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E04B 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 #00E04B looks like.

```
.text, #text, p{  
    color:#00E04B  
}
```

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 #00E04B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E04B
}
```

Border

The CSS property to change the border of an element to Hex 00E04B 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
#00E04B }
```

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

```
.border{ border-color:#00E04B }
```

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

Here you see how a box with a 4 pixel #00E04B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E04B; -webkit-box-shadow:4px 4px  
4px 4px #00E04B; box-shadow:4px 4px 4px  
4px #00E04B }
```

Background

The CSS property to change the background color of an element to Hex 00E04B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E04B }
```

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

```
.background{ background-color:#00E04B }
```

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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