

Converting Colors

Hex(04E460)

Have a look what the booklet for
Hex(04E460) contains.

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Color

Hex(04E460)

Conversions

Conversions Part 1

Format	Color
Hex	04E460
RGB	4, 228, 96
RGB Percent	2%, 89%, 38%
CMY	0.9843, 0.1059, 0.6235
CMYK	0.98, 0.00, 0.58, 0.11
HSL	145°, 97%, 45%
HSV	145°, 98%, 89%
XYZ	29.9048, 56.3571, 20.3682
YIQ	145.9760, -91.1320, -88.5400

Conversions

Conversions Part 2

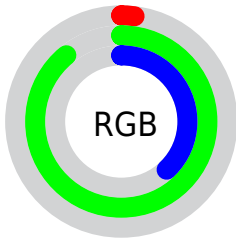
Format	Color
RYB	4, 163, 228
Decimal	320608
CIELab	79.82, -72.93, 50.82
CIELCh	80, 88.890, 145.131
Yxy	56.3571, 0.2805, 0.5285
Android (android.graphics.Color)	4278510688 (0xFF04E460)
YUV	145.9760, -24.6382, -124.5130
Hunter-Lab	75.0714, -60.2692, 36.4635

Details

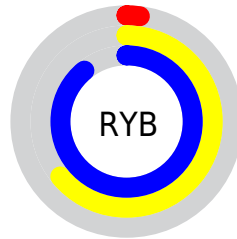
The Hex color **04E460** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **E40488**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6EFF96**, and **00AB2A** is the 20% darker color. If you saturate the color by 10%, you get **00E45E**, and if you desaturate by 10%, it is **1BE46D**.

Distribution



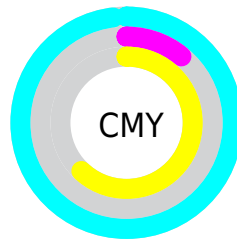
- Red (2%)
- Green (89%)
- Blue (38%)



- Red (2%)
- Yellow (64%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (58%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04E460 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 04E460 by changing the saturation by 10% instead.

 04E460

 04E460

FFFFFF

 00C745

 6EFF96

 00AB2A

 8FFFB2

 008F07

 AFFFCE

 007400

 CFFFEB

 005A00

 EFFFFFF

 004100

 002700

 000000

 04E460

 04E460

 00E45E

 1BE46D

 32E47B

 48E488

 5FE496

 76E4A3

 8DE4B1

 A4E4BE

 BAE4CB

 D1E4D9

Harmonies

Analogous

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



A9D600



04E460



00EBB5

Triad

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



04E460



00D4FF



FF7785

Complementary

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



04E460



E40488

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.



FF6ED7



04E460



A7B6FF

Square

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



04E460



00E5FF



FF8EFF



FF9B39

Rectangle

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



04E460



00ECEF



FF8EFF



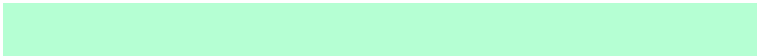
FF6FA0

Sweetspot

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



04E460



B5FFD3



8AE404



538065



000000



808080

Same Dimension

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



04E460



00FF69



04E4CE



67736C



00B349



003315

Inverse Universe

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



E40488



FF0096



E4041A



73676E



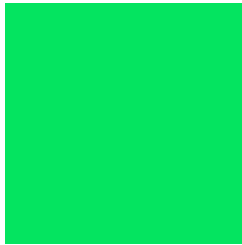
B30069



33001E

Previews

White Background



This preview shows how the Hex color 04E460 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 04E460 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 04E460 Background



This preview shows how black text looks on a background with the Hex color 04E460.

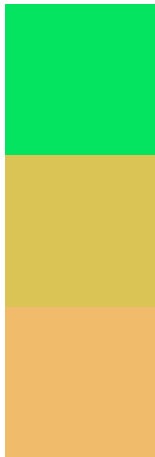


This preview shows how white text looks on a background with the Hex color 04E460.

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](#).

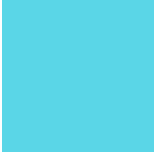
Dichromacy



Original Color
04E460

Protanopia
DAC456

Deuteranopia
F0BB6B



Tritanopia
5AD6E7

Trichromacy



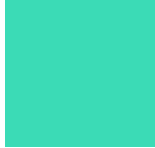
Original Color
04E460



Protanomaly
8CD05A



Deuteranomaly
9ACA67



Tritanomaly
3BDBB6

Monochromacy



Original Color
04E460



Achromatopsia
929292



Achromatomaly
5EB080

CSS Examples

Text

The CSS property to change the color of the text to Hex 04E460 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 #04E460 looks like.

```
.text, #text, p{  
    color:#04E460  
}
```

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 #04E460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04E460
}
```

Border

The CSS property to change the border of an element to Hex 04E460 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
#04E460 }
```

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

```
.border{ border-color:#04E460 }
```

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

Here you see how a box with a 4 pixel #04E460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04E460; -webkit-box-shadow:4px 4px  
4px 4px #04E460; box-shadow:4px 4px 4px  
4px #04E460 }
```

Background

The CSS property to change the background color of an element to Hex 04E460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04E460 }
```

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

```
.background{ background-color:#04E460 }
```

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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