

Converting Colors

Hex(04E240)

Have a look what the booklet for
Hex(04E240) contains.

Hex(04E240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04E240)

Conversions

Conversions Part 1

Format	Color
Hex	04E240
RGB	4, 226, 64
RGB Percent	2%, 89%, 25%
CMY	0.9843, 0.1137, 0.7490
CMYK	0.98, 0.00, 0.72, 0.11
HSL	136°, 97%, 45%
HSV	136°, 98%, 89%
XYZ	28.1718, 54.7887, 13.9410
YIQ	141.1540, -80.3100, -97.4460

Conversions

Conversions Part 2

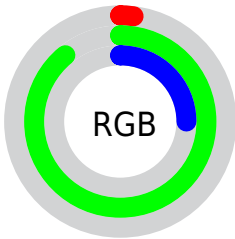
Format	Color
RYB	4, 179, 226
Decimal	320064
CIELab	78.92, -75.76, 62.85
CIELCh	79, 98.440, 140.322
Yxy	54.7887, 0.2907, 0.5654
Android (android.graphics.Color)	4278510144 (0xFF04E240)
YUV	141.1540, -38.0369, -120.2841
Hunter-Lab	74.0194, -61.5967, 40.6468

Details

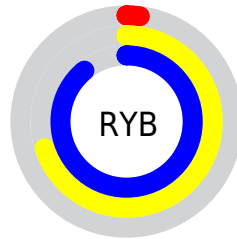
The Hex color **04E240** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E204A6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6EFF78**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **00E23D**, and if you desaturate by 10%, it is **1BE250**.

Distribution



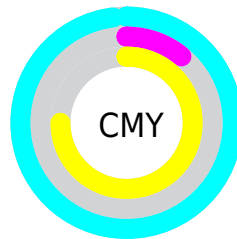
- Red (2%)
- Green (89%)
- Blue (25%)



- Red (2%)
- Yellow (70%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (72%)
- Black (11%)




- Cyan (98%)
- Magenta (11%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04E240 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 04E240 by changing the saturation by 10% instead.

 04E240

 04E240

FFFFFF

 00C520

 6EFF78

 00A900

 90FF94

 008D00

 B1FFB1

 007200

 D0FFCD

 005800

 F0FFEB

 003F00

 002500

 000000

 04E240

 04E240

00E23D

1BE250

31E261

48E271

5EE282

75E292

8CE2A3

A2E2B3

B9E2C4

CFE2D4

Harmonies

Analogous

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



B0D200



04E240



00EAA2

Triad

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



04E240



00D7FF



FF5E8A

Complementary

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



04E240



E204A6

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.



FF5BE5



04E240



71B8FF

Square

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



04E240



00E7FF



FF8AFF



FF8B31

Rectangle

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



04E240



00ECE2



FF8AFF



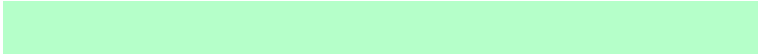
FF55A8

Sweetspot

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



04E240



B5FFC9



A7E204



53805F



000000



808080

Same Dimension

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



04E240



00FF45



04E2AE



657068



00B030



00300D

Inverse Universe

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



E204A6



FF00BA



E20438



70656D



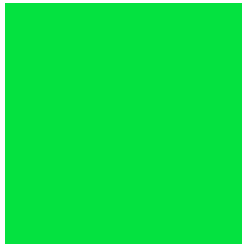
B00080



300023

Previews

White Background



This preview shows how the Hex color 04E240 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 04E240 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 04E240 Background



This preview shows how black text looks on a background with the Hex color 04E240.

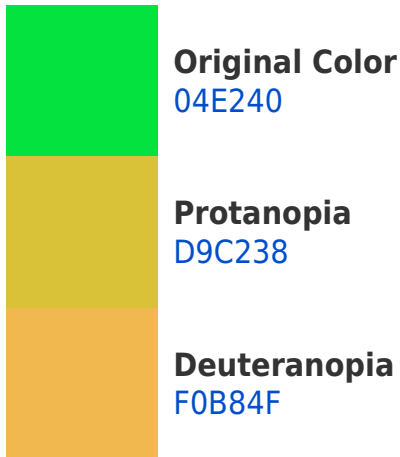


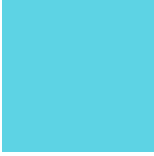
This preview shows how white text looks on a background with the Hex color 04E240.

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](#).

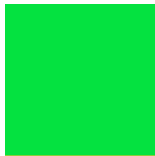
Dichromacy





Tritanopia
5DD3E4

Trichromacy



Original Color

04E240



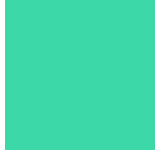
Protanomaly

8CCE3B



Deuteranomaly

9AC74A



Tritanomaly

3DD8A8

Monochromacy



Original Color

04E240



Achromatopsia

8D8D8D



Achromatomaly

5BAC71

CSS Examples

Text

The CSS property to change the color of the text to Hex 04E240 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 #04E240 looks like.

```
.text, #text, p{  
    color:#04E240  
}
```

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 #04E240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04E240
}
```

Border

The CSS property to change the border of an element to Hex 04E240 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
#04E240 }
```

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

```
.border{ border-color:#04E240 }
```

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

Here you see how a box with a 4 pixel #04E240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04E240; -webkit-box-shadow:4px 4px  
4px 4px #04E240; box-shadow:4px 4px 4px  
4px #04E240 }
```

Background

The CSS property to change the background color of an element to Hex 04E240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04E240 }
```

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

```
.background{ background-color:#04E240 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor