

Converting Colors

Hex(04EB60)

Have a look what the booklet for
Hex(04EB60) contains.

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Color

Hex(04EB60)

Conversions

Conversions Part 1

Format	Color
Hex	04EB60
RGB	4, 235, 96
RGB Percent	2%, 92%, 38%
CMY	0.9843, 0.0784, 0.6235
CMYK	0.98, 0.00, 0.59, 0.08
HSL	144°, 97%, 47%
HSV	144°, 98%, 92%
XYZ	31.8697, 60.2870, 21.0232
YIQ	150.0850, -93.0570, -92.2010

Conversions

Conversions Part 2

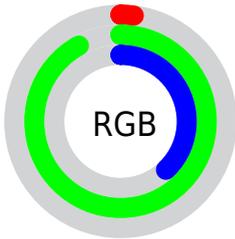
Format	Color
RYB	4, 169, 235
Decimal	322400
CIELab	81.99, -75.02, 53.36
CIELCh	82, 92.065, 144.579
Yxy	60.2870, 0.2816, 0.5327
Android (android.graphics.Color)	4278512480 (0xFF04EB60)
YUV	150.0850, -26.6639, -128.1165
Hunter-Lab	77.6447, -62.6119, 38.2979

Details

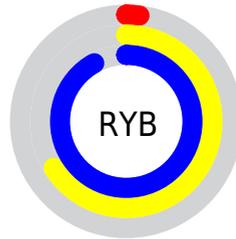
The Hex color **04EB60** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EB048F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **70FF96**, and **00B129** is the 20% darker color. If you saturate the color by 10%, you get **00EB5E**, and if you desaturate by 10%, it is **1BEB6E**.

Distribution



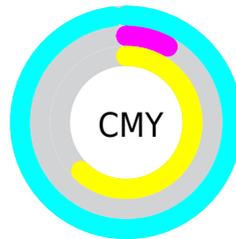
- Red (2%)
- Green (92%)
- Blue (38%)



- Red (2%)
- Yellow (66%)
- Blue (92%)



- Cyan (98%)
- Magenta (0%)
- Yellow (59%)
- Black (8%)



- Cyan (98%)
- Magenta (8%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04EB60 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 04EB60 by changing the saturation by 10% instead.

 04EB60

 04EB60

FFFFFF

 00CE45

 70FF96

 00B129

 92FFB2

 009603

 B2FFCE

 007A00

 D2FFEB

 006000

 F2FFFF

 004600

 002D00

 000D00

 000000

 04EB60

 04EB60

 00EB5E

 1BEB6E

 33EB7C

 4BEB8A

 62EB99

 7AEB A7

 91EBB5

 A9EBC3

 C0EBD1

 D8EBDF

Harmonies

Analogous

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



AFDC00



04EB60



00F2B9

Triad

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



04EB60



00DBFF



FF788A

Complementary

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



04EB60



EB048F

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.



FF70DF



04EB60



A7BCFF

Square

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



04EB60



00ECFF



FF92FF



FF9E3A

Rectangle

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



04EB60



00F3F5



FF92FF



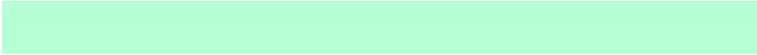
FF70A6

Sweetspot

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



04EB60



B5FFD3



92EB04



538065



000000



808080

Same Dimension

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



04EB60



00FF66



04EBD0



6A756E



00B548



003615

Inverse Universe

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



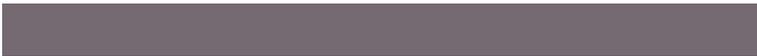
EB048F



FF0099



EB041F



756A71



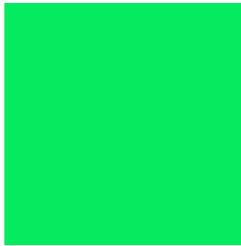
B5006D



360020

Previews

White Background



This preview shows how the Hex color 04EB60 looks on a white background.

Color Contrast Check

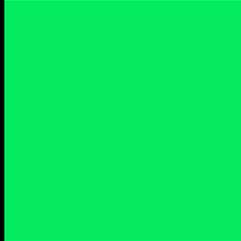
Large Text (above 18pt) WCAG AA × Fail

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 04EB60 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 04EB60 Background



This preview shows how black text looks on a background with the Hex color 04EB60.



This preview shows how white text looks on a background with the Hex color 04EB60.

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





Trichromacy



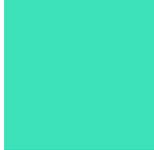
Original Color
04EB60



Protanomaly
91D65A

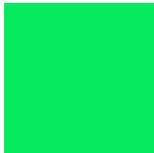


Deuteranomaly
9FD068



Tritanomaly
3DE1BA

Monochromacy



Original Color
04EB60



Achromatopsia
969696



Achromatomaly
61B582

CSS Examples

Text

The CSS property to change the color of the text to Hex 04EB60 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 #04EB60 looks like.

```
.text, #text, p{  
    color:#04EB60  
}
```

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 #04EB60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04EB60
}
```

Border

The CSS property to change the border of an element to Hex 04EB60 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
#04EB60 }
```

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

```
.border{ border-color:#04EB60 }
```

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

Here you see how a box with a 4 pixel #04EB60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04EB60; -webkit-box-shadow:4px 4px  
4px 4px #04EB60; box-shadow:4px 4px 4px  
4px #04EB60 }
```

Background

The CSS property to change the background color of an element to Hex 04EB60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04EB60 }
```

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

```
.background{ background-color:#04EB60 }
```

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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