

Converting Colors

Hex(00E84F)

Have a look what the booklet for
Hex(00E84F) contains.

Hex(00E84F)	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(00E84F)

Conversions

Conversions Part 1

Format	Color
Hex	00E84F
RGB	0, 232, 79
RGB Percent	0%, 91%, 31%
CMY	1.0000, 0.0902, 0.6902
CMYK	1.00, 0.00, 0.66, 0.09
HSL	140°, 100%, 45%
HSV	140°, 100%, 91%
XYZ	30.2679, 58.2777, 17.0506
YIQ	145.1900, -89.1590, -96.7670

Conversions

Conversions Part 2

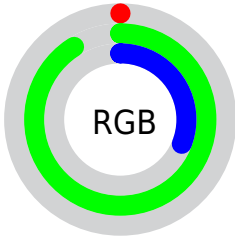
Format	Color
RYB	0, 173, 232
Decimal	59471
CIELab	80.89, -76.20, 59.26
CIELCh	81, 96.528, 142.130
Yxy	58.2777, 0.2866, 0.5519
Android (android.graphics.Color)	4278249551 (0xFF00E84F)
YUV	145.1900, -32.6317, -127.3316
Hunter-Lab	76.3399, -62.8215, 40.1954

Details

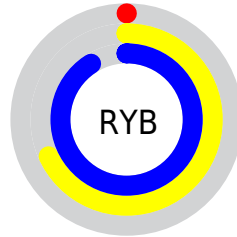
The Hex color **00E84F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E80099**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6FFF86**, and **00AF0E** is the 20% darker color. If you saturate the color by 10%, you get **00E84F**, and if you desaturate by 10%, it is **17E85E**.

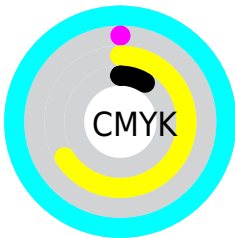
Distribution



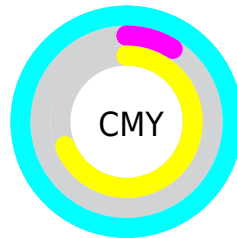
- Red (0%)
- Green (91%)
- Blue (31%)



- Red (0%)
- Yellow (68%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E84F 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 00E84F by changing the saturation by 10% instead.

 00E84F

FFFFFF

 6FFF86

 91FFA2

 B1FFBE

 D1FFDB

 F1FFF9

 00E84F

 00CB32

 00AF0E

 009300

 007700

 005D00

 004400

 002A00

 000600

 000000

 00E84F

 17E85E

 2EE86E

 46E87D

 5DE88C

 74E89C

 8BE8AB

 A2E8BA

 BAE8C9

 D1E8D9

Harmonies

Analogous

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



B1D800



00E84F



00F0AD

Triad

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



00E84F



00DBFF



FF6A8B

Complementary

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



00E84F



E80099

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.



FF65E5



00E84F



8DBBFF

Square

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



00E84F



00ECFF



FF8EFF



FF9534

Rectangle

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



00E84F



00F1EC



FF8EFF



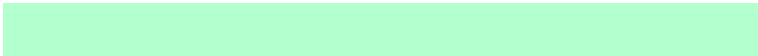
FF62A8

Sweetspot

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



00E84F



B3FFCD



9BE800



528061



000000



808080

Same Dimension

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



00E84F



00FF57



00E8C1



67736B



00B33D



003311

Inverse Universe

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



E80099



FF00A8



E80027



73676F



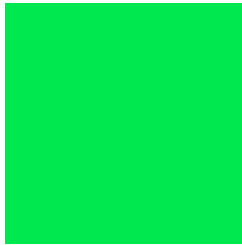
B30076



330022

Previews

White Background



This preview shows how the Hex color 00E84F 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 00E84F 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 00E84F Background



This preview shows how black text looks on a background with the Hex color 00E84F.

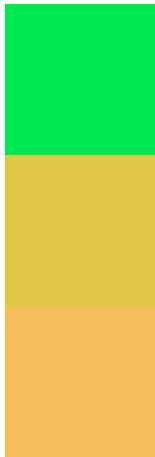


This preview shows how white text looks on a background with the Hex color 00E84F.

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](#).

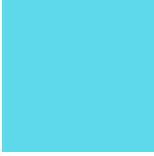
Dichromacy



Original Color
00E84F

Protanopia
DEC746

Deuteranopia
F6BD5D



Tritanopia
5ED9EB

Trichromacy



Original Color
00E84F



Protanomaly
8DD349



Deuteranomaly
9DCD58



Tritanomaly
3CDEB2

Monochromacy



Original Color
00E84F



Achromatopsia
919191



Achromatomaly
5CB179

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E84F 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 #00E84F looks like.

```
.text, #text, p{  
    color:#00E84F  
}
```

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 #00E84F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E84F
}
```

Border

The CSS property to change the border of an element to Hex 00E84F 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
#00E84F }
```

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

```
.border{ border-color:#00E84F }
```

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

Here you see how a box with a 4 pixel #00E84F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E84F; -webkit-box-shadow:4px 4px  
4px 4px #00E84F; box-shadow:4px 4px 4px  
4px #00E84F }
```

Background

The CSS property to change the background color of an element to Hex 00E84F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E84F }
```

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

```
.background{ background-color:#00E84F }
```

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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