

Converting Colors

Hex(00E95D)

Have a look what the booklet for
Hex(00E95D) contains.

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Color

Hex(00E95D)

Conversions

Conversions Part 1

Format	Color
Hex	00E95D
RGB	0, 233, 93
RGB Percent	0%, 91%, 36%
CMY	1.0000, 0.0863, 0.6353
CMYK	1.00, 0.00, 0.60, 0.09
HSL	144°, 100%, 46%
HSV	144°, 100%, 91%
XYZ	31.1147, 59.0681, 20.1173
YIQ	147.3730, -93.9280, -92.9360

Conversions

Conversions Part 2

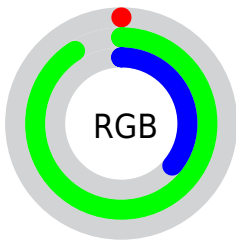
Format	Color
RYB	0, 167, 233
Decimal	59741
CIELab	81.33, -74.92, 53.90
CIELCh	81, 92.296, 144.270
Yxy	59.0681, 0.2821, 0.5355
Android (android.graphics.Color)	4278249821 (0xFF00E95D)
YUV	147.3730, -26.8059, -129.2461
Hunter-Lab	76.8558, -62.2328, 38.2797

Details

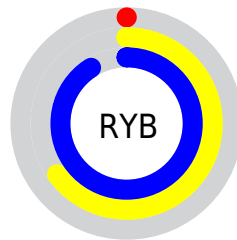
The Hex color **00E95D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E9008C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6FFF93**, and **00B026** is the 20% darker color. If you saturate the color by 10%, you get **00E95D**, and if you desaturate by 10%, it is **17E96B**.

Distribution



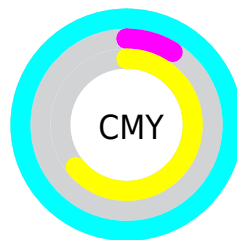
- Red (0%)
- Green (91%)
- Blue (36%)



- Red (0%)
- Yellow (65%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E95D 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 00E95D by changing the saturation by 10% instead.

 00E95D

 00E95D

FFFFFF

 00CC42

 6FFF93

 00B026

 91FFAF

 009400

 B1FFCB

 007800

 D1FFE8

 005E00

 F1FFFF

 004400

 002B00

 000900

 000000

 00E95D

 17E96B

 2FE979

 46E987

 5DE995

 75E9A3

 8CE9B1

 A3E9BF

 BAE9CD

 D2E9DB

Harmonies

Analogous

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



AEDA00



00E95D



00F0B6

Triad

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



00E95D



00DAFF



FF7589

Complementary

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



00E95D



E9008C

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.



FF6DDF



00E95D



A3BAFF

Square

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



00E95D



00EBFF



FF90FF



FF9C38

Rectangle

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



00E95D



00F1F2



FF90FF



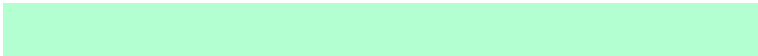
FF6DA5

Sweetspot

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



00E95D



B3FFD1



90E900



528064



000000



808080

Same Dimension

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



00E95D



00FF66



00E9CE



6A756E



00B548



003615

Inverse Universe

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



E9008C



FF0099



E9001B



756A71



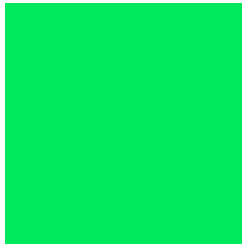
B5006D



360020

Previews

White Background



This preview shows how the Hex color 00E95D 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 00E95D 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 00E95D Background



This preview shows how black text looks on a background with the Hex color 00E95D.

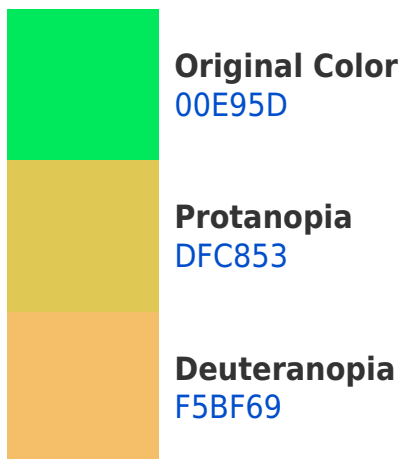


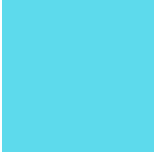
This preview shows how white text looks on a background with the Hex color 00E95D.

Color Blindness Simulation

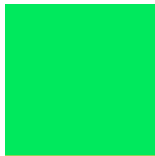
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



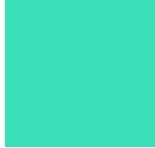
Original Color
00E95D



Protanomaly
8ED457



Deuteranomaly
9CCE65



Tritanomaly
3BDFB8

Monochromacy



Original Color
00E95D



Achromatopsia
939393



Achromatomaly
5EB27F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E95D 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 #00E95D looks like.

```
.text, #text, p{  
    color:#00E95D  
}
```

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 #00E95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E95D
}
```

Border

The CSS property to change the border of an element to Hex 00E95D is called "border". The border property can be set on classes, ids or directly on the HTML element.

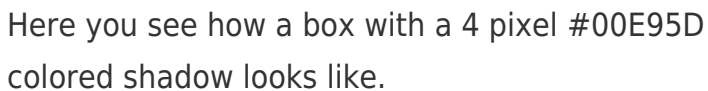
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00E95D }
```

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

```
.border{ border-color:#00E95D }
```

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



Here you see how a box with a 4 pixel #00E95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E95D; -webkit-box-shadow:4px 4px  
4px 4px #00E95D; box-shadow:4px 4px 4px  
4px #00E95D }
```

Background

The CSS property to change the background color of an element to Hex 00E95D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E95D }
```

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

```
.background{ background-color:#00E95D }
```

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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