

Converting Colors

Hex(00E862)

Have a look what the booklet for
Hex(00E862) contains.

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Color

Hex(00E862)

Conversions

Conversions Part 1

Format	Color
Hex	00E862
RGB	0, 232, 98
RGB Percent	0%, 91%, 38%
CMY	1.0000, 0.0902, 0.6157
CMYK	1.00, 0.00, 0.58, 0.09
HSL	145°, 100%, 45%
HSV	145°, 100%, 91%
XYZ	31.0612, 58.5951, 21.2282
YIQ	147.3560, -95.2580, -90.8580

Conversions

Conversions Part 2

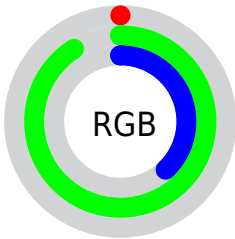
Format	Color
RYB	0, 163, 232
Decimal	59490
CIELab	81.07, -74.00, 51.39
CIELCh	81, 90.092, 145.222
Yxy	58.5951, 0.2801, 0.5284
Android (android.graphics.Color)	4278249570 (0xFF00E862)
YUV	147.3560, -24.3325, -129.2312
Hunter-Lab	76.5474, -61.5267, 37.1409

Details

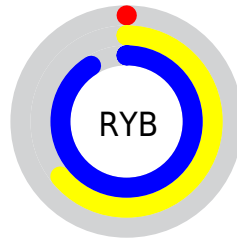
The Hex color **00E862** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **E80086**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6EFF98**, and **00AF2C** is the 20% darker color. If you saturate the color by 10%, you get **00E862**, and if you desaturate by 10%, it is **17E86F**.

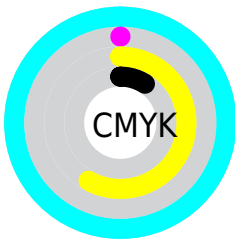
Distribution



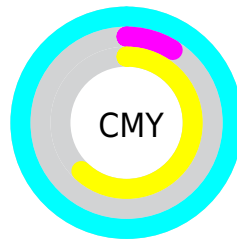
- Red (0%)
- Green (91%)
- Blue (38%)



- Red (0%)
- Yellow (64%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E862 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 00E862 by changing the saturation by 10% instead.

 00E862

 00E862

FFFFFF

 00CB47

 6EFF98

 00AF2C

 90FFB4

 00930A

 B0FFD0

 007800

 D0FFED

 005D00

 F0FFFF

 004400

 002B00

 000700

 000000

 00E862

 17E86F

 2EE87D

 46E88A

 5DE898

 74E8A5

 8BE8B2

 A2E8C0

 BAE8CD

 D1E8DB

Harmonies

Analogous

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



ABDA00



00E862



00EFB9

Triad

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



00E862



00D8FF



FF7987

Complementary

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



00E862



E80086

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.



FF70DB



00E862



AAB9FF

Square

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



00E862



00E9FF



FF90FF



FF9E39

Rectangle

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



00E862



00F0F3



FF90FF



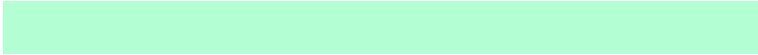
FF71A2

Sweetspot

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



00E862



B3FFD3



87E800



528065



000000



808080

Same Dimension

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



00E862



00FF6C



00E8D5



67736C



00B34B



003316

Inverse Universe

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



E80086



FF0093



E80013



73676E



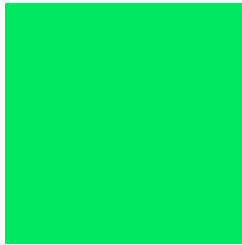
B30067



33001D

Previews

White Background



This preview shows how the Hex color 00E862 looks on a white background.

Color Contrast Check

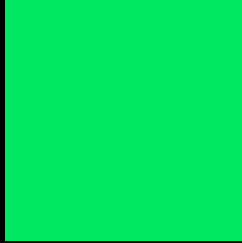
Large Text (above 18pt) WCAG AA × Fail

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 00E862 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 00E862 Background



This preview shows how black text looks on a background with the Hex color 00E862.

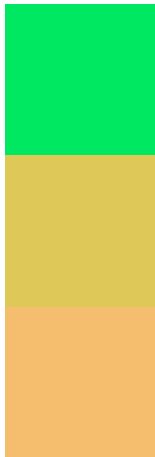


This preview shows how white text looks on a background with the Hex color 00E862.

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](#).

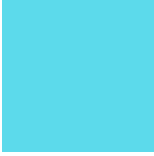
Dichromacy



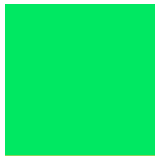
Original Color
00E862

Protanopia
DEC858

Deuteranopia
F4BE6E



Trichromacy



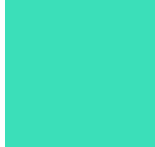
Original Color
00E862



Protanomaly
8DD45C



Deuteranomaly
9BCD6A



Tritanomaly
3BDFB9

Monochromacy



Original Color
00E862



Achromatopsia
939393



Achromatomaly
5EB281

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E862 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 #00E862 looks like.

```
.text, #text, p{  
    color:#00E862  
}
```

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 #00E862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E862
}
```

Border

The CSS property to change the border of an element to Hex 00E862 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
#00E862 }
```

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

```
.border{ border-color:#00E862 }
```

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

Here you see how a box with a 4 pixel #00E862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E862; -webkit-box-shadow:4px 4px  
4px 4px #00E862; box-shadow:4px 4px 4px  
4px #00E862 }
```

Background

The CSS property to change the background color of an element to Hex 00E862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E862 }
```

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

```
.background{ background-color:#00E862 }
```

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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