

# Converting Colors

Hex(00E141)

Have a look what the booklet for  
Hex(00E141) contains.

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# **Color**

**Hex(00E141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E141
RGB	0, 225, 65
RGB Percent	0%, 88%, 25%
CMY	1.0000, 0.1176, 0.7451
CMYK	1.00, 0.00, 0.71, 0.12
HSL	137°, 100%, 44%
HSV	137°, 100%, 88%
XYZ	27.8793, 54.2321, 13.9995
YIQ	139.4850, -82.7400, -97.4600

# Conversions

## Conversions Part 2

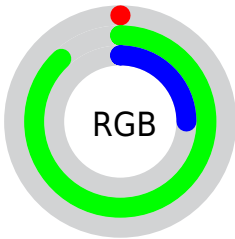
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 175, 225
Decimal	57665
CIELab	78.60, -75.53, 62.15
CIELCh	79, 97.816, 140.549
Yxy	54.2321, 0.2901, 0.5643
Android (android.graphics.Color)	4278247745 (0xFF00E141)
YUV	139.4850, -36.7211, -122.3283
Hunter-Lab	73.6424, -61.2982, 40.2786

# Details

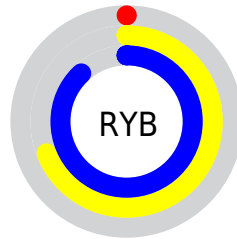
The Hex color **00E141** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E100A0**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6EFF79**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **00E141**, and if you desaturate by 10%, it is **16E151**.

# Distribution



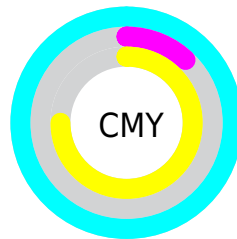
- Red (0%)
- Green (88%)
- Blue (25%)



- Red (0%)
- Yellow (69%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E141 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 00E141 by changing the saturation by 10% instead.



 00E141

 00E141

FFFFFF

 00C421

 6EFF79

 00A800

 8FFF95

 008C00

 B0FFB1

 007100

 CFFFCE

 005700

 EFFFEB

 003E00

 002400

 000000

 00E141

 16E151

 2DE161

 44E171

 5AE181

 71E191

 87E1A1

 9DE1B1

 B4E1C1

 CBE1D1

# Harmonies

## Analogous

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



AED100



00E141



00E9A2

# Triad

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



00E141



00D6FF



FF5E89

# Complementary

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



00E141



E100A0

# 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.



FF5BE3



00E141



74B7FF

# Square

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



00E141



00E6FF



FF89FF



FF8B30

# Rectangle

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



00E141



00EBE1



FF89FF



FF55A6

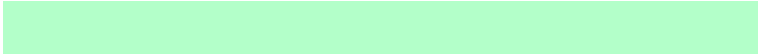


# Sweetspot

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



00E141



B3FFC9



A1E100



52805F



000000



808080



# Same Dimension

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



00E141



00FF4A



00E1B0



657068



00B033



00300E



# Inverse Universe

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



E100A0



FF00B5



E10031



70656D



B0007D

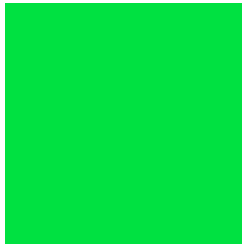


300022



# Previews

## White Background



This preview shows how the Hex color 00E141 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 00E141 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 00E141 Background



This preview shows how black text looks on a background with the Hex color 00E141.

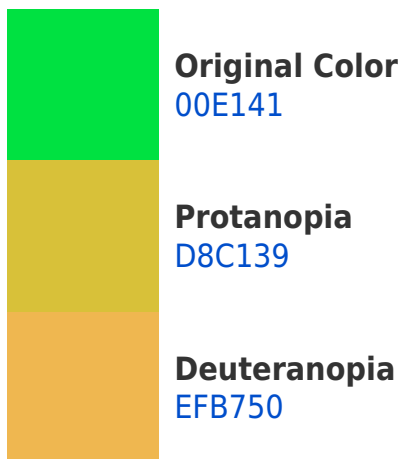


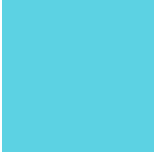
This preview shows how white text looks on a background with the Hex color 00E141.

# 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**  
5CD2E3

# Trichromacy



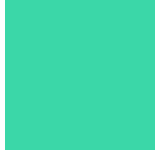
**Original Color**  
00E141



**Protanomaly**  
89CD3C

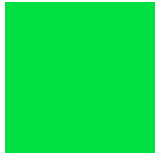


**Deuteranomaly**  
98C64B



**Tritanomaly**  
3BD7A8

# Monochromacy



**Original Color**  
00E141



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
58AA70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E141 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 #00E141 looks like.

```
.text, #text, p{  
    color:#00E141  
}
```

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 #00E141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E141
}
```

## Border

The CSS property to change the border of an element to Hex 00E141 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
#00E141 }
```

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

```
.border{ border-color:#00E141 }
```

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

Here you see how a box with a 4 pixel #00E141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E141; -webkit-box-shadow:4px 4px  
4px 4px #00E141; box-shadow:4px 4px 4px  
4px #00E141 }
```

# Background

The CSS property to change the background color of an element to Hex 00E141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E141 }
```

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

```
.background{ background-color:#00E141 }
```

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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