

Converting Colors

Hex(00E144)

Have a look what the booklet for
Hex(00E144) contains.

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Color

Hex(00E144)

Conversions

Conversions Part 1

Format	Color
Hex	00E144
RGB	0, 225, 68
RGB Percent	0%, 88%, 27%
CMY	1.0000, 0.1176, 0.7333
CMYK	1.00, 0.00, 0.70, 0.12
HSL	138°, 100%, 44%
HSV	138°, 100%, 88%
XYZ	27.9686, 54.2678, 14.4695
YIQ	139.8270, -83.7030, -96.5270

Conversions

Conversions Part 2

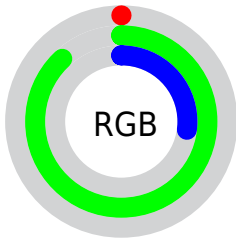
Format	Color
RYB	0, 173, 225
Decimal	57668
CIELab	78.62, -75.27, 61.07
CIELCh	79, 96.927, 140.943
Yxy	54.2678, 0.2892, 0.5612
Android (android.graphics.Color)	4278247748 (0xFF00E144)
YUV	139.8270, -35.4107, -122.6283
Hunter-Lab	73.6667, -61.1466, 39.9210

Details

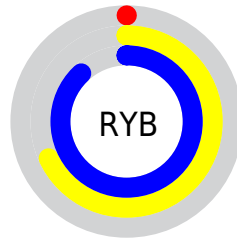
The Hex color **00E144** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E1009D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DFF7C**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **00E144**, and if you desaturate by 10%, it is **16E154**.

Distribution



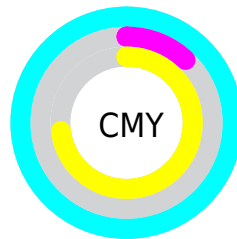
- Red (0%)
- Green (88%)
- Blue (27%)



- Red (0%)
- Yellow (68%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E144 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 00E144 by changing the saturation by 10% instead.

 00E144

 00E144

FFFFFF

 00C425

 6DFF7C

 00A800

 8FFF98

 008C00

 AFFFB4

 007100

 CFFFD1

 005700

 EFFFEE

 003E00

 002400

 000000

 00E144

 16E154

 2DE163

 44E173

 5AE183

 71E193

 87E1A2

 9DE1B2

 B4E1C2

 CBE1D1

Harmonies

Analogous

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



ADD100



00E144



00E9A3

Triad

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



00E144



00D6FF



FF6088

Complementary

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



00E144



E1009D

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.



FF5DE2



00E144



7AB7FF

Square

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



00E144



00E5FF



FF89FF



FF8C31

Rectangle

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



00E144



00EAE2



FF89FF



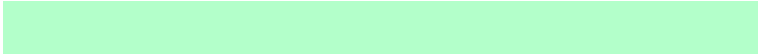
FF58A6

Sweetspot

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



00E144



B3FFCA



9DE100



52805F



000000



808080

Same Dimension

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



00E144



00FF4D



00E1B4



657068



00B035



00300F

Inverse Universe

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



E1009D



FF00B2



E1002D



70656D



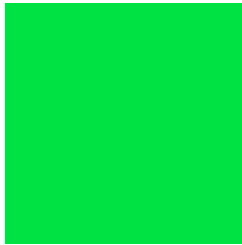
B0007B



300022

Previews

White Background



This preview shows how the Hex color 00E144 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 00E144 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 00E144 Background



This preview shows how black text looks on a background with the Hex color 00E144.

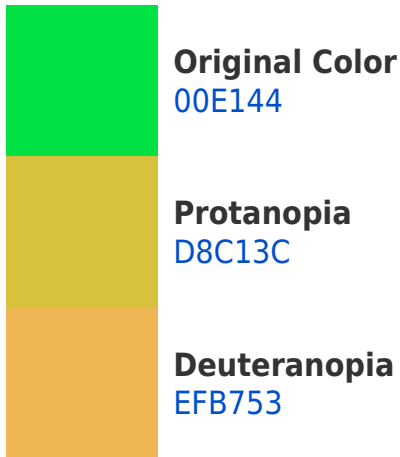


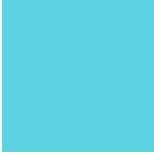
This preview shows how white text looks on a background with the Hex color 00E144.

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

00E144



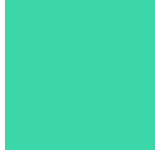
Protanomaly

89CD3F



Deuteranomaly

98C64E



Tritanomaly

3BD7A9

Monochromacy



Original Color

00E144



Achromatopsia

8C8C8C



Achromatomaly

59AB72

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E144 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 #00E144 looks like.

```
.text, #text, p{  
    color:#00E144  
}
```

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 #00E144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E144
}
```

Border

The CSS property to change the border of an element to Hex 00E144 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
#00E144 }
```

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

```
.border{ border-color:#00E144 }
```

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

Here you see how a box with a 4 pixel #00E144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E144; -webkit-box-shadow:4px 4px  
4px 4px #00E144; box-shadow:4px 4px 4px  
4px #00E144 }
```

Background

The CSS property to change the background color of an element to Hex 00E144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E144 }
```

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

```
.background{ background-color:#00E144 }
```

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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