

# Converting Colors

Hex(00E732)

Have a look what the booklet for  
Hex(00E732) contains.

<b>Hex(00E732)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(00E732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E732
RGB	0, 231, 50
RGB Percent	0%, 91%, 20%
CMY	1.0000, 0.0941, 0.8039
CMYK	1.00, 0.00, 0.78, 0.09
HSL	133°, 100%, 45%
HSV	133°, 100%, 91%
XYZ	29.1516, 57.3821, 12.5570
YIQ	141.2970, -79.5750, -105.2630

# Conversions

## Conversions Part 2

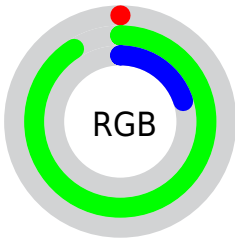
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 190, 231
Decimal	59186
CIELab	80.39, -78.30, 68.85
CIELCh	80, 104.262, 138.676
Yxy	57.3821, 0.2942, 0.5791
Android (android.graphics.Color)	4278249266 (0xFF00E732)
YUV	141.2970, -45.0094, -123.9175
Hunter-Lab	75.7510, -63.8712, 43.1974

# Details

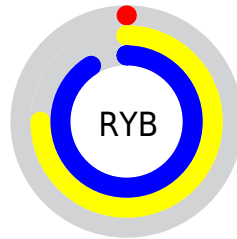
The Hex color **00E732** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E700B5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70FF6E**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **00E732**, and if you desaturate by 10%, it is **17E744**.

# Distribution



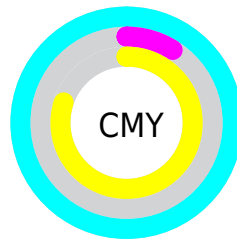
- Red (0%)
- Green (91%)
- Blue (20%)



- Red (0%)
- Yellow (75%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E732 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 00E732 by changing the saturation by 10% instead.



 00E732

 00E732

FFFFFF

 00CA02

 70FF6E

 00AE00

 92FF8A

 009200

 B3FFA7

 007600

 D3FFC4

 005C00

 F3FFE1

 004300

 002900

 000300

 000000

 00E732

 17E744

 2EE756

 45E768

 5CE77A

 74E78C

 8BE79F

 A2E7B1

 B9E7C3

 D0E7D5

# Harmonies

## Analogous

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



B7D500



00E732



00F09E

# Triad

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



00E732



00DEFF



FF5490

# Complementary

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



00E732



E700B5

# 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.



FF55F1



00E732



52BEFF

# Square

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



00E732



00EEFF



FF8CFF



FF872F

# Rectangle

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



00E732



00F2E2



FF8CFF



FF4AB0

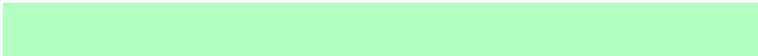


# Sweetspot

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



00E732



B3FFC3



B9E700



52805C



000000



808080



# Same Dimension

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



00E732



00FF37



00E7A2



67736A



00B327



00330B



# Inverse Universe

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



E700B5



FF00C8



E70045



736770



B3008C

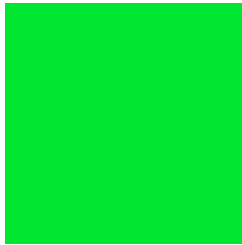


330028



# Previews

## White Background



This preview shows how the Hex color 00E732 looks on a white background.

## Color Contrast Check

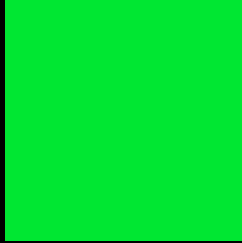
Large Text (above 18pt) WCAG AA × Fail

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 00E732 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 00E732 Background



This preview shows how black text looks on a background with the Hex color 00E732.



This preview shows how white text looks on a background with the Hex color 00E732.

# 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](#).

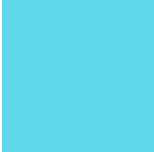
## Dichromacy



**Original Color**  
00E732

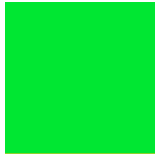
**Protanopia**  
DEC62A

**Deuteranopia**  
F7BC45



**Tritanopia**  
60D7E9

# Trichromacy



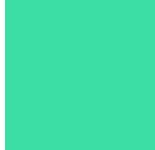
**Original Color**  
00E732



**Protanomaly**  
8DD22D



**Deuteranomaly**  
9DCC3E



**Tritanomaly**  
3DDDA6

# Monochromacy



**Original Color**  
00E732



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5AAE6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E732 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 #00E732 looks like.

```
.text, #text, p{  
    color:#00E732  
}
```

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 #00E732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E732
}
```

## Border

The CSS property to change the border of an element to Hex 00E732 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
#00E732 }
```

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

```
.border{ border-color:#00E732 }
```

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

Here you see how a box with a 4 pixel #00E732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E732; -webkit-box-shadow:4px 4px  
4px 4px #00E732; box-shadow:4px 4px 4px  
4px #00E732 }
```

# Background

The CSS property to change the background color of an element to Hex 00E732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E732 }
```

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

```
.background{ background-color:#00E732 }
```

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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