

# Converting Colors

Hex(00E622)

Have a look what the booklet for  
Hex(00E622) contains.

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**Color**

**Hex(00E622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E622
RGB	0, 230, 34
RGB Percent	0%, 90%, 13%
CMY	1.0000, 0.0980, 0.8667
CMYK	1.00, 0.00, 0.85, 0.10
HSL	129°, 100%, 45%
HSV	129°, 100%, 90%
XYZ	28.5855, 56.7091, 10.9527
YIQ	138.8860, -74.1640, -109.7160

# Conversions

## Conversions Part 2

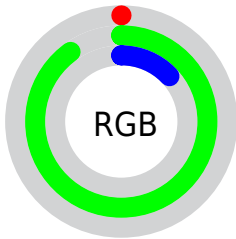
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 200, 230
Decimal	58914
CIELab	80.02, -78.87, 72.53
CIELCh	80, 107.146, 137.396
Yxy	56.7091, 0.2970, 0.5892
Android (android.graphics.Color)	4278248994 (0xFF00E622)
YUV	138.8860, -51.7088, -121.8030
Hunter-Lab	75.3055, -64.0269, 44.0905

# Details

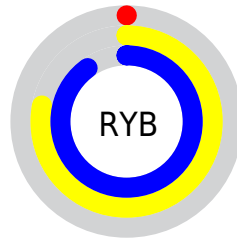
The Hex color **00E622** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E600C4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **70FF63**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **00E622**, and if you desaturate by 10%, it is **17E636**.

# Distribution



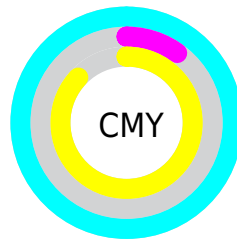
- Red (0%)
- Green (90%)
- Blue (13%)



- Red (0%)
- Yellow (78%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E622 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 00E622 by changing the saturation by 10% instead.



 00E622

 00E622


FFFFFF

 00C900

 70FF63

 00AD00

 93FF80

 009100

 B3FF9D

 007600

 D3FFBA

 005B00

 F3FFD8

 004200

 FFFFF5

 002800

 000000

 00E622

 17E636

 2EE649

 45E65D

 5CE670

 73E684

 8AE698

 A1E6AB

 B8E6BF

 CFE6D2

# Harmonies

## Analogous

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



B9D400



00E622



00EF97

# Triad

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



00E622



00DFFF



FF4891

# Complementary

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



00E622



E600C4

# 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.



FF4EF5



00E622



19BFFF

# Square

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



00E622



00EEFF



FF8BFF



FF812D

# Rectangle

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



00E622



00F1DD



FF8BFF



FF3DB2

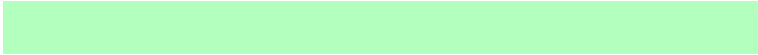


# Sweetspot

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



00E622



B3FFBE



C7E600



528058



000000



808080



# Same Dimension

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



00E622



00FF26



00E692



677369



00B31A



003308



# Inverse Universe

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



E600C4



FF00D9



E60054



736771



B30098

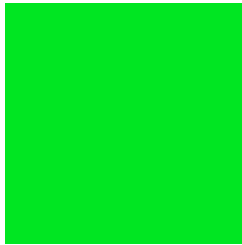


33002B



# Previews

## White Background



This preview shows how the Hex color 00E622 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 00E622 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 00E622 Background



This preview shows how black text looks on a background with the Hex color 00E622.

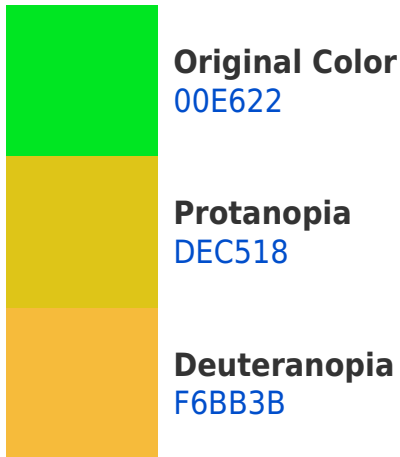


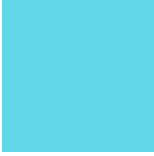
This preview shows how white text looks on a background with the Hex color 00E622.

# 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](#).

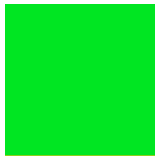
## Dichromacy





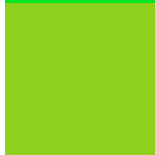
**Tritanopia**  
60D6E7

# Trichromacy



**Original Color**

00E622



**Protanomaly**

8DD11C



**Deuteranomaly**

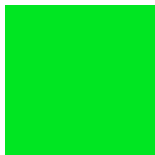
9DCB32



**Tritanomaly**

3DDC9F

# Monochromacy



**Original Color**

00E622



**Achromatopsia**

8B8B8B



**Achromatomaly**

58AC65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E622 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 #00E622 looks like.

```
.text, #text, p{  
    color:#00E622  
}
```

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 #00E622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E622
}
```

## Border

The CSS property to change the border of an element to Hex 00E622 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
#00E622 }
```

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

```
.border{ border-color:#00E622 }
```

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

Here you see how a box with a 4 pixel #00E622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E622; -webkit-box-shadow:4px 4px  
4px 4px #00E622; box-shadow:4px 4px 4px  
4px #00E622 }
```

# Background

The CSS property to change the background color of an element to Hex 00E622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E622 }
```

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

```
.background{ background-color:#00E622 }
```

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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