

# Converting Colors

Hex(00E25C)

Have a look what the booklet for  
Hex(00E25C) contains.

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**Color**

**Hex(00E25C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E25C
RGB	0, 226, 92
RGB Percent	0%, 89%, 36%
CMY	1.0000, 0.1137, 0.6392
CMYK	1.00, 0.00, 0.59, 0.11
HSL	144°, 100%, 44%
HSV	144°, 100%, 89%
XYZ	29.1281, 55.1654, 19.2380
YIQ	143.1500, -91.6820, -89.5860

# Conversions

## Conversions Part 2

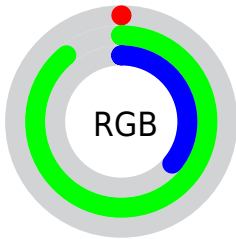
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 161, 226
Decimal	57948
CIELab	79.14, -72.97, 51.80
CIELCh	79, 89.487, 144.629
Yxy	55.1654, 0.2813, 0.5328
Android (android.graphics.Color)	4278248028 (0xFF00E25C)
YUV	143.1500, -25.2170, -125.5426
Hunter-Lab	74.2734, -59.9754, 36.6343

# Details

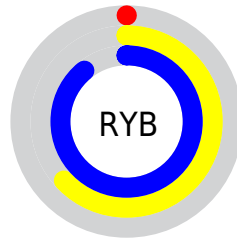
The Hex color **00E25C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E20086**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6DFF92**, and **00A925** is the 20% darker color. If you saturate the color by 10%, you get **00E25C**, and if you desaturate by 10%, it is **17E269**.

# Distribution



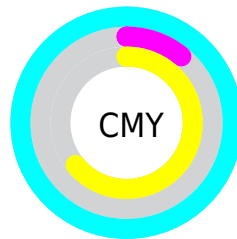
- Red (0%)
- Green (89%)
- Blue (36%)



- Red (0%)
- Yellow (63%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E25C 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 00E25C by changing the saturation by 10% instead.



 00E25C

 00E25C

FFFFFF

 00C541

 6DFF92

 00A925

 8EFFAE

 008D00

 AEFFCA

 007200

 CEFFE7

 005800

 EEEFFF

 003F00

 002600

 000000

 00E25C

 17E269

 2DE277

 44E284

 5AE292

 71E29F

 88E2AC

 9EE2BA

 B5E2C7

 CBE2D5

# Harmonies

## Analogous

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



A8D400



00E25C



00E9B2

# Triad

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



00E25C



00D3FF



FF7384

# Complementary

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



00E25C



E20086

# 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.



FF6BD7



00E25C



A1B4FF

# Square

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



00E25C



00E3FF



FF8CFF



FF9837

# Rectangle

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



00E25C



00EAEC



FF8CFF



FF6B9F

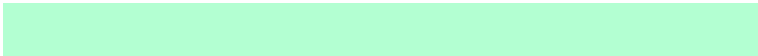


# Sweetspot

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



00E25C



B3FFD2



88E200



528064



000000



808080



# Same Dimension

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



00E25C



00FF68



00E2CB



65706A



00B048



003014



# Inverse Universe

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



E20086



FF0097



E20017



70656C



B00068

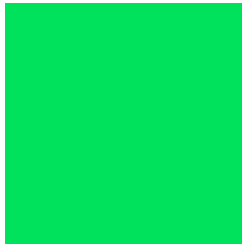


30001D



# Previews

## White Background



This preview shows how the Hex color 00E25C 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 00E25C 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 00E25C Background



This preview shows how black text looks on a background with the Hex color 00E25C.

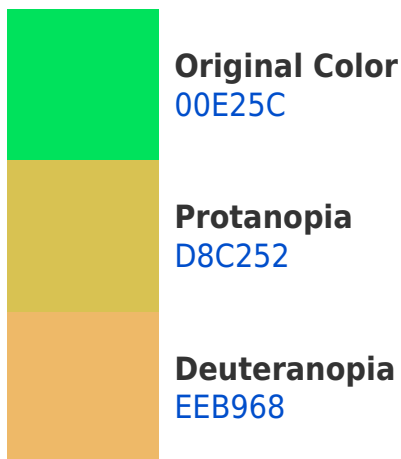


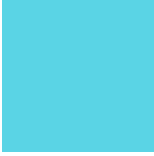
This preview shows how white text looks on a background with the Hex color 00E25C.

# 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](#).

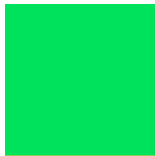
## Dichromacy





**Tritanopia**  
5AD4E5

# Trichromacy



**Original Color**  
00E25C



**Protanomaly**  
89CE56



**Deuteranomaly**  
97C864



**Tritanomaly**  
39D9B3

# Monochromacy



**Original Color**  
00E25C



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5BAD7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E25C 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 #00E25C looks like.

```
.text, #text, p{  
    color:#00E25C  
}
```

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 #00E25C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E25C
}
```

## Border

The CSS property to change the border of an element to Hex 00E25C 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
#00E25C }
```

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

```
.border{ border-color:#00E25C }
```

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

Here you see how a box with a 4 pixel #00E25C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E25C; -webkit-box-shadow:4px 4px  
4px 4px #00E25C; box-shadow:4px 4px 4px  
4px #00E25C }
```

# Background

The CSS property to change the background color of an element to Hex 00E25C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E25C }
```

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

```
.background{ background-color:#00E25C }
```

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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