

Converting Colors

Hex(05E345)

Have a look what the booklet for
Hex(05E345) contains.

Hex(05E345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05E345)

Conversions

Conversions Part 1

Format	Color
Hex	05E345
RGB	5, 227, 69
RGB Percent	2%, 89%, 27%
CMY	0.9804, 0.1098, 0.7294
CMYK	0.98, 0.00, 0.70, 0.11
HSL	137°, 96%, 45%
HSV	137°, 98%, 89%
XYZ	28.6059, 55.4001, 14.8158
YIQ	142.6100, -81.5940, -96.2020

Conversions

Conversions Part 2

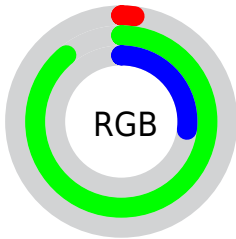
Format	Color
RYB	5, 177, 227
Decimal	385861
CIELab	79.27, -75.58, 61.39
CIELCh	79, 97.369, 140.913
Yxy	55.4001, 0.2895, 0.5606
Android (android.graphics.Color)	4278575941 (0xFF05E345)
YUV	142.6100, -36.2897, -120.6840
Hunter-Lab	74.4312, -61.6525, 40.3000

Details

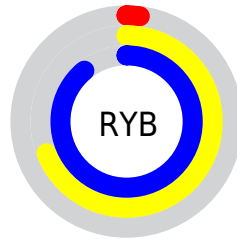
The Hex color **05E345** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E305A3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6FFF7D**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **00E341**, and if you desaturate by 10%, it is **1CE355**.

Distribution



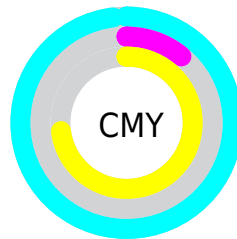
- Red (2%)
- Green (89%)
- Blue (27%)



- Red (2%)
- Yellow (69%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05E345 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 05E345 by changing the saturation by 10% instead.

 05E345

 05E345

FFFFFF

 00C626

 6FFF7D

 00AA00

 90FF99

 008E00

 B1FFB5

 007300

 D1FFD2

 005900

 F0FFE0

 004000

 002600

 000000

 05E345

 05E345

■ 00E341

■ 1CE355

■ 32E365

■ 49E375

■ 60E386

■ 77E396

■ 8DE3A6

■ A4E3B6

■ BBE3C6

■ D1E3D6

Harmonies

Analogous

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



AFD300



05E345



00EBA5

Triad

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



05E345



00D8FF



FF628A

Complementary

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



05E345



E305A3

Split Complementary

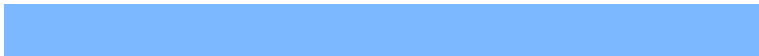
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5EE4



05E345



7BB8FF

Square

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



05E345



00E8FF



FF8BFF



FF8D32

Rectangle

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



05E345



00EDE4



FF8BFF



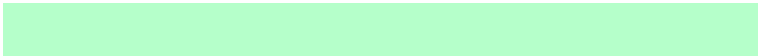
FF59A7

Sweetspot

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



05E345



B5FFCA



A4E305



538060



000000



808080

Same Dimension

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



05E345



00FF4A



05E3B3



67736B



00B333



00330F

Inverse Universe

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



E305A3



FF00B5



E30535



73676F



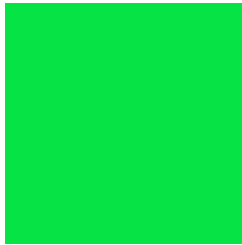
B3007F



330024

Previews

White Background



This preview shows how the Hex color 05E345 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 05E345 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 05E345 Background



This preview shows how black text looks on a background with the Hex color 05E345.

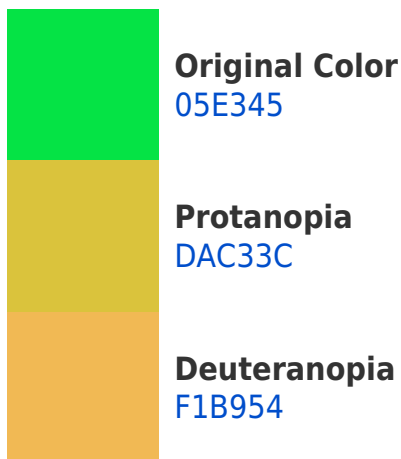


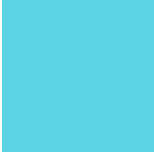
This preview shows how white text looks on a background with the Hex color 05E345.

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
5DD4E5

Trichromacy



Original Color
05E345



Protanomaly
8DCF3F



Deuteranomaly
9BC84F



Tritanomaly
3DD9AB

Monochromacy



Original Color
05E345



Achromatopsia
8F8F8F



Achromatomaly
5DAE74

CSS Examples

Text

The CSS property to change the color of the text to Hex 05E345 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 #05E345 looks like.

```
.text, #text, p{  
    color:#05E345  
}
```

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 #05E345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05E345
}
```

Border

The CSS property to change the border of an element to Hex 05E345 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
#05E345 }
```

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

```
.border{ border-color:#05E345 }
```

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

Here you see how a box with a 4 pixel #05E345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05E345; -webkit-box-shadow:4px 4px  
4px 4px #05E345; box-shadow:4px 4px 4px  
4px #05E345 }
```

Background

The CSS property to change the background color of an element to Hex 05E345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05E345 }
```

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

```
.background{ background-color:#05E345 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor