

Converting Colors

Hex(05C925)

Have a look what the booklet for
Hex(05C925) contains.

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Color

Hex(05C925)

Conversions

Conversions Part 1

Format	Color
Hex	05C925
RGB	5, 201, 37
RGB Percent	2%, 79%, 15%
CMY	0.9804, 0.2118, 0.8549
CMYK	0.98, 0.00, 0.82, 0.21
HSL	130°, 95%, 40%
HSV	130°, 98%, 79%
XYZ	21.2832, 41.9391, 8.7236
YIQ	123.7000, -64.1720, -92.5560

Conversions

Conversions Part 2

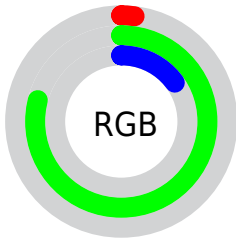
Format	Color
RYB	5, 173, 201
Decimal	379173
CIELab	70.83, -70.64, 63.48
CIELCh	71, 94.975, 138.053
Yxy	41.9391, 0.2958, 0.5829
Android (android.graphics.Color)	4278569253 (0xFF05C925)
YUV	123.7000, -42.7431, -104.0999
Hunter-Lab	64.7604, -54.6677, 37.3456

Details

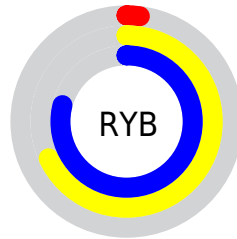
The Hex color **05C925** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C905A9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **68FF61**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **00C921**, and if you desaturate by 10%, it is **19C936**.

Distribution



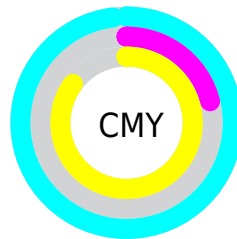
- Red (2%)
- Green (79%)
- Blue (15%)



- Red (2%)
- Yellow (68%)
- Blue (79%)



- Cyan (98%)
- Magenta (0%)
- Yellow (82%)
- Black (21%)



- Cyan (98%)
- Magenta (21%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05C925 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 05C925 by changing the saturation by 10% instead.

 05C925

 05C925

FFFFFF

 00AD00

 68FF61

 009100

 89FF7D

 007600

 A9FF99

 005C00

 C8FFB5

 004300

 E7FFD2

 002A00

 FFFFEF

 000600

 000000

 05C925

 05C925

■ 00C921

■ 19C936

■ 2DC947

■ 41C957

■ 55C968

■ 6AC979

■ 7EC98A

■ 92C99B

■ A6C9AC

■ BAC9BC

Harmonies

Analogous

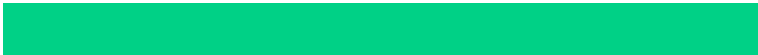
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0B900



05C925



00D186

Triad

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



05C925



00C2FF



FF447E

Complementary

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



05C925



C905A9

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.



FF47D4



05C925



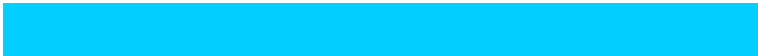
37A6FF

Square

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



05C925



00CFFF



F079FF



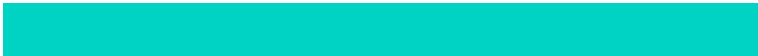
FF7328

Rectangle

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



05C925



00D3C3



F079FF



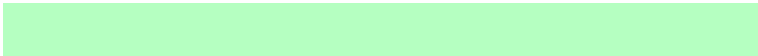
FF3B9A

Sweetspot

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



05C925



B5FFC1



ACC905



53805A



000000



808080

Same Dimension

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



05C925



00FF2A



05C984



5A635B



00A31B



002406

Inverse Universe

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



C905A9



FF00D5



C9054A



635A62



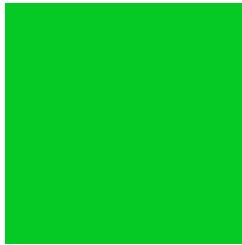
A30089



24001E

Previews

White Background



This preview shows how the Hex color 05C925 looks on a white background.

Color Contrast Check

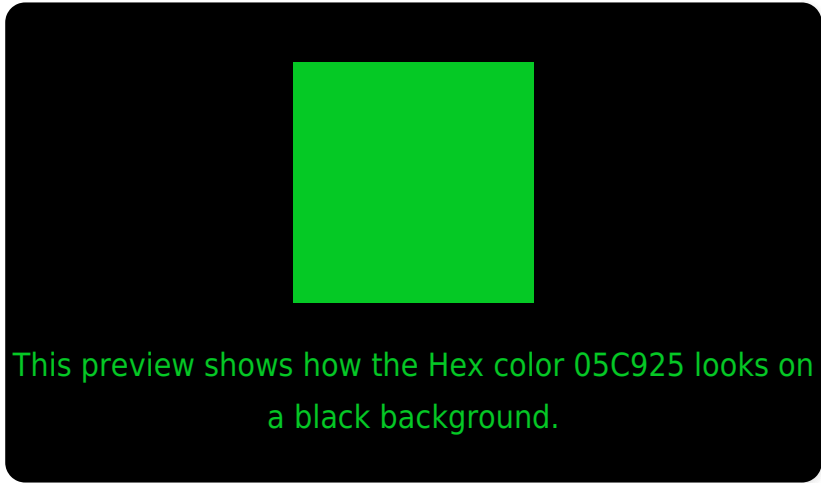
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 05C925 Background



This preview shows how black text looks on a background with the Hex color 05C925.

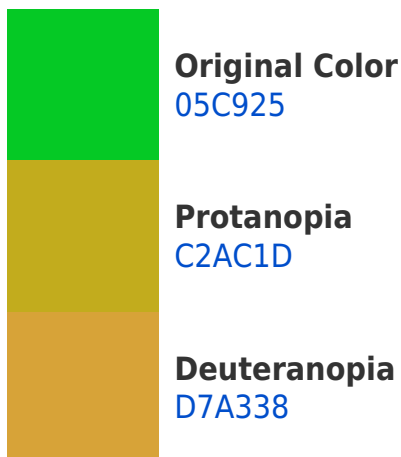


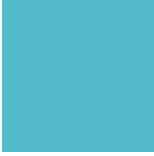
This preview shows how white text looks on a background with the Hex color 05C925.

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](#).

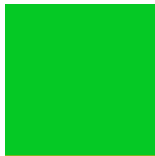
Dichromacy





Tritanopia
54BBCA

Trichromacy



Original Color
05C925



Protanomaly
7DB720



Deuteranomaly
8BB131



Tritanomaly
37C08E

Monochromacy



Original Color
05C925



Achromatopsia
7C7C7C



Achromatomaly
51985C

CSS Examples

Text

The CSS property to change the color of the text to Hex 05C925 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 #05C925 looks like.

```
.text, #text, p{  
    color:#05C925  
}
```

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 #05C925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C925
}
```

Border

The CSS property to change the border of an element to Hex 05C925 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
#05C925 }
```

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

```
.border{ border-color:#05C925 }
```

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

Here you see how a box with a 4 pixel #05C925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C925; -webkit-box-shadow:4px 4px  
4px 4px #05C925; box-shadow:4px 4px 4px  
4px #05C925 }
```

Background

The CSS property to change the background color of an element to Hex 05C925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C925 }
```

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

```
.background{ background-color:#05C925 }
```

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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