

Converting Colors

Hex(00C525)

Have a look what the booklet for
Hex(00C525) contains.

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Color

Hex(00C525)

Conversions

Conversions Part 1

Format	Color
Hex	00C525
RGB	0, 197, 37
RGB Percent	0%, 77%, 15%
CMY	1.0000, 0.2275, 0.8549
CMYK	1.00, 0.00, 0.81, 0.23
HSL	131°, 100%, 39%
HSV	131°, 100%, 77%
XYZ	20.3002, 40.0661, 8.4139
YIQ	119.8570, -66.0520, -91.5240

Conversions

Conversions Part 2

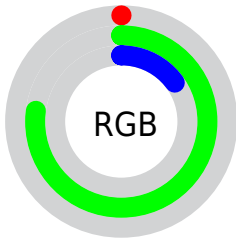
Format	Color
RYB	0, 166, 197
Decimal	50469
CIELab	69.52, -69.73, 62.26
CIElCh	70, 93.477, 138.242
Yxy	40.0661, 0.2951, 0.5825
Android (android.graphics.Color)	4278240549 (0xFF00C525)
YUV	119.8570, -40.8485, -105.1146
Hunter-Lab	63.2978, -53.5245, 36.4273

Details

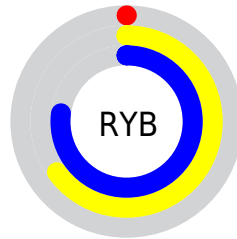
The Hex color **00C525** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C500A0**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **66FF60**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **00C525**, and if you desaturate by 10%, it is **14C535**.

Distribution



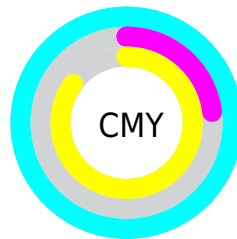
- Red (0%)
- Green (77%)
- Blue (15%)



- Red (0%)
- Yellow (65%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C525 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 00C525 by changing the saturation by 10% instead.

 00C525

 00C525

FFFFFF

 00A900

 66FF60

 008D00

 87FF7C

 007300

 A6FF98

 005800

 C5FFB4

 003F00

 E4FFD1

 002700

 FFFFEE

 000000

 00C525

 14C535

 27C545

 3BC555

 4FC565

 63C575

 76C585

 8AC595

 9EC5A5

 B1C5B5

Harmonies

Analogous

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



9CB500



00C525



00CC84

Triad

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



00C525



00BEFF



FF437A

Complementary

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



00C525



C500A0

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.



FF45CF



00C525



39A2FF

Square

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



00C525



00CBFF



EB77FF



FF7126

Rectangle

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



00C525



00CEC0



EB77FF



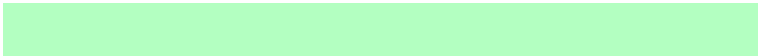
FF3A96

Sweetspot

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



00C525



B3FFC1



A1C500



52805A



000000



808080

Same Dimension

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



00C525



00FF30



00C587



5A635B



00A31F



002407

Inverse Universe

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



C500A0



FF00CF



C5003E



635A62



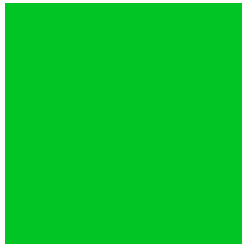
A30085



24001D

Previews

White Background



This preview shows how the Hex color 00C525 looks on a white background.

Color Contrast Check

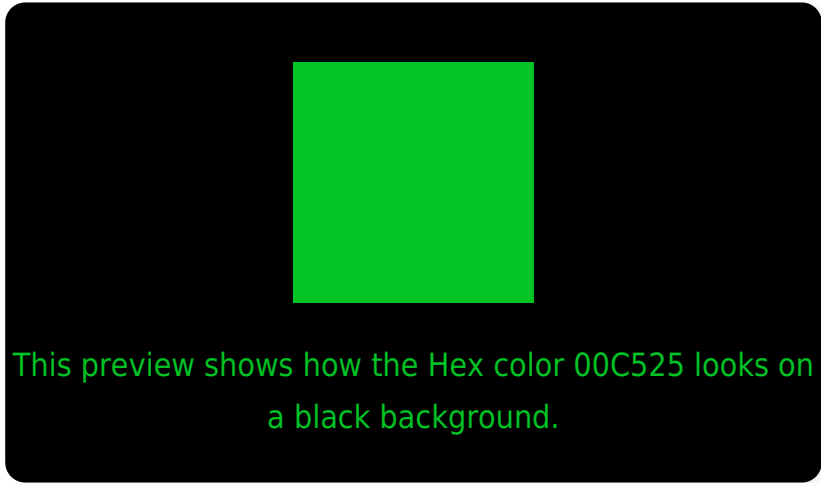
Large Text (above 18pt) WCAG AA × Fail

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 00C525 Background



This preview shows how black text looks on a background with the Hex color 00C525.

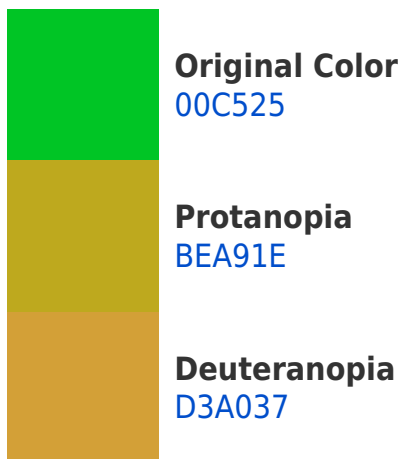


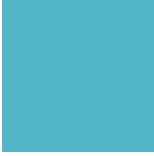
This preview shows how white text looks on a background with the Hex color 00C525.

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](#).

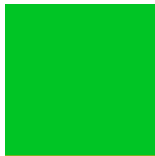
Dichromacy





Tritanopia
52B7C6

Trichromacy



Original Color

00C525



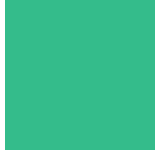
Protanomaly

79B321



Deuteranomaly

86AD30



Tritanomaly

34BC8B

Monochromacy



Original Color

00C525



Achromatopsia

787878



Achromatomaly

4C945A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C525 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 #00C525 looks like.

```
.text, #text, p{  
    color:#00C525  
}
```

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 #00C525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C525
}
```

Border

The CSS property to change the border of an element to Hex 00C525 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
#00C525 }
```

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

```
.border{ border-color:#00C525 }
```

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

Here you see how a box with a 4 pixel #00C525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C525; -webkit-box-shadow:4px 4px  
4px 4px #00C525; box-shadow:4px 4px 4px  
4px #00C525 }
```

Background

The CSS property to change the background color of an element to Hex 00C525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C525 }
```

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

```
.background{ background-color:#00C525 }
```

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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