

Converting Colors

Hex(00CC54)

Have a look what the booklet for
Hex(00CC54) contains.

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Color

Hex(00CC54)

Conversions

Conversions Part 1

Format	Color
Hex	00CC54
RGB	0, 204, 84
RGB Percent	0%, 80%, 33%
CMY	1.0000, 0.2000, 0.6706
CMYK	1.00, 0.00, 0.59, 0.20
HSL	145°, 100%, 40%
HSV	145°, 100%, 80%
XYZ	23.1931, 43.8258, 15.6243
YIQ	129.3240, -83.0640, -80.5680

Conversions

Conversions Part 2

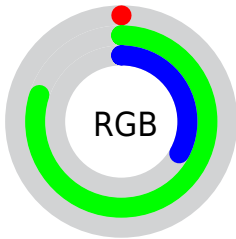
Format	Color
RYB	0, 145, 204
Decimal	52308
CIELab	72.11, -67.35, 47.21
CIELCh	72, 82.245, 144.969
Yxy	43.8258, 0.2806, 0.5303
Android (android.graphics.Color)	4278242388 (0xFF00CC54)
YUV	129.3240, -22.3447, -113.4171
Hunter-Lab	66.2011, -53.3156, 32.3475

Details

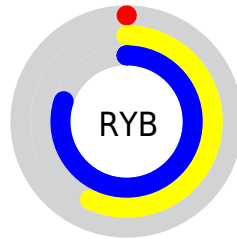
The Hex color **00CC54** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **CC0078**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **66FF89**, and **00941F** is the 20% darker color. If you saturate the color by 10%, you get **00CC54**, and if you desaturate by 10%, it is **14CC60**.

Distribution



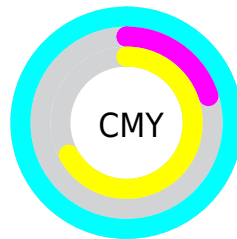
- Red (0%)
- Green (80%)
- Blue (33%)



- Red (0%)
- Yellow (57%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC54 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 00CC54 by changing the saturation by 10% instead.

 00CC54

 00CC54

FFFFFF

 00B03A

 66FF89

 00941F

 87FFA4

 007900

 A6FFC0

 005F00

 C5FFDC

 004500

 E4FFFA

 002D00

 000E00

 000000

 00CC54

 14CC60

 29CC6C

 3DCC78

 52CC84

 66CC90

 7ACC9C

 8FCCA8

 A3CCB4

 B8CCC0

Harmonies

Analogous

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



97BF00



00CC54



00D2A1

Triad

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



00CC54



00BEFF



FF6976

Complementary

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



00CC54



CC0078

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.



FF61C1



00CC54



93A2FF

Square

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



00CC54



00CFFF



FE7EFF



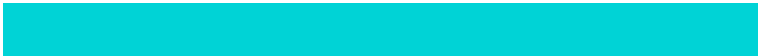
FF8931

Rectangle

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



00CC54



00D3D6



FE7EFF



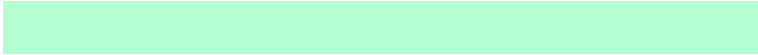
FF628F

Sweetspot

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



00CC54



B3FFD2



7ACC00



528065



000000



808080

Same Dimension

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



00CC54



00FF69



00CCB8



5C6660



00A644



002610

Inverse Universe

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



CC0078



FF0096



CC0014



665C62



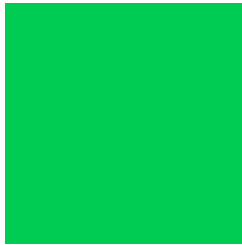
A60062



260017

Previews

White Background



This preview shows how the Hex color 00CC54 looks on a white background.

Color Contrast Check

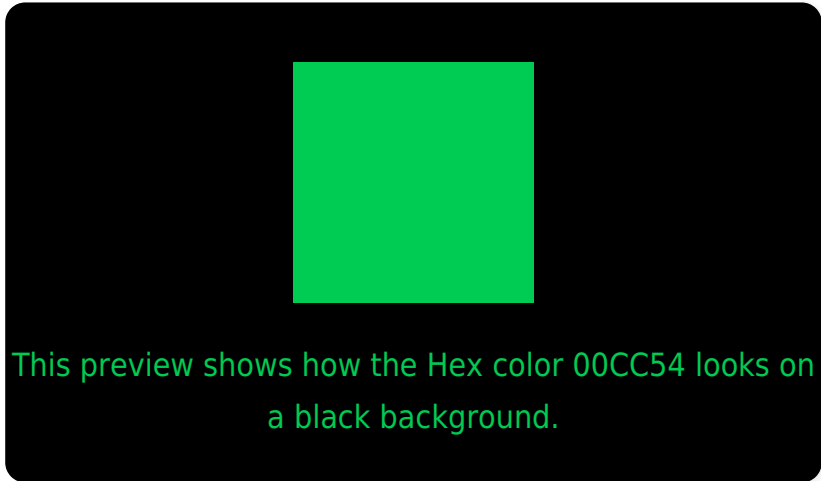
Large Text (above 18pt) WCAG AA × Fail

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 00CC54 Background



This preview shows how black text looks on a background with the Hex color 00CC54.

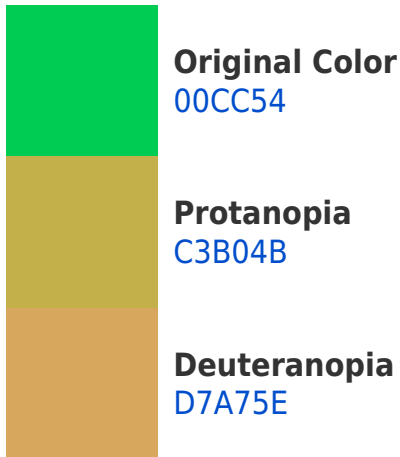


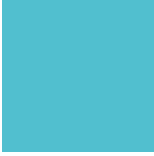
This preview shows how white text looks on a background with the Hex color 00CC54.

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
51BFCF

Trichromacy



Original Color
00CC54



Protanomaly
7CBA4E

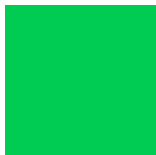


Deuteranomaly
89B45A



Tritanomaly
34C4A2

Monochromacy



Original Color
00CC54



Achromatopsia
818181



Achromatomaly
529C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC54 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 #00CC54 looks like.

```
.text, #text, p{  
    color:#00CC54  
}
```

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 #00CC54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC54
}
```

Border

The CSS property to change the border of an element to Hex 00CC54 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
#00CC54 }
```

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

```
.border{ border-color:#00CC54 }
```

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

Here you see how a box with a 4 pixel #00CC54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC54; -webkit-box-shadow:4px 4px  
4px 4px #00CC54; box-shadow:4px 4px 4px  
4px #00CC54 }
```

Background

The CSS property to change the background color of an element to Hex 00CC54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC54 }
```

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

```
.background{ background-color:#00CC54 }
```

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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