

Converting Colors

Hex(4CC155)

Have a look what the booklet for
Hex(4CC155) contains.

| | |
|--|----|
| Hex(4CC155) | 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(4CC155)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4CC155 |
| RGB | 76, 193, 85 |
| RGB Percent | 30%, 76%, 33% |
| CMY | 0.7020, 0.2431, 0.6667 |
| CMYK | 0.61, 0.00, 0.56, 0.24 |
| HSL | 125°, 49%, 53% |
| HSV | 125°, 61%, 76% |
| XYZ | 23.6901, 40.3323, 15.1306 |
| YIQ | 145.7050, -35.0640, -58.3920 |

Conversions

Conversions Part 2

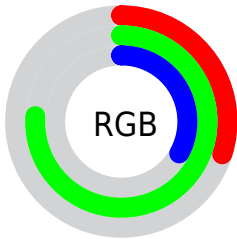
| Format | Color |
|-------------------------------------|--|
| RYB | 76, 185, 193 |
| Decimal | 5030229 |
| CIELab | 69.71, -54.76, 44.18 |
| CIElCh | 70, 70.355, 141.105 |
| Yxy | 40.3323, 0.2993, 0.5095 |
| Android (android.graphics.Color) | 4283220309 (0xFF4CC155) |
| YUV | 145.7050, -29.9276, -61.1313 |
| Hunter-Lab | 63.5077, -44.5530, 30.3296 |

Details

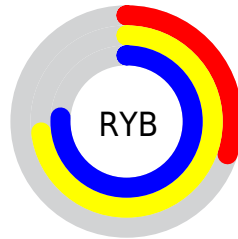
The Hex color **4CC155** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C14CB8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **88FA89**, and **008A21** is the 20% darker color. If you saturate the color by 10%, you get **39C143**, and if you desaturate by 10%, it is **5FC167**.

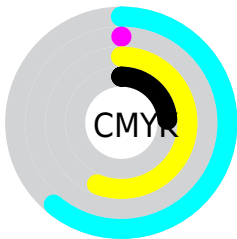
Distribution



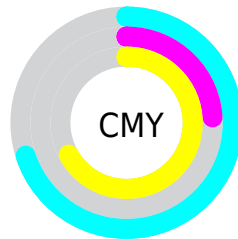
- Red (30%)
- Green (76%)
- Blue (33%)



- Red (30%)
- Yellow (73%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (70%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CC155 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 4CC155 by changing the saturation by 10% instead.

 4CC155

 4CC155

FFFFFF

 29A53B

 88FA89

 008A21

 A5FFA4

 007001

 C2FFC0

 005600

 E0FFDD

 003E00

 FEFFFA

 002700

 000000

 4CC155

 4CC155

 39C143

 5FC167

 25C131

 73C179

 12C120

 86C18A

 00C10F

 99C19C

 ACC1AE

 C0C1C0

 D3C1D2

 E6C1E4

 FAC1F5

Harmonies

Analogous

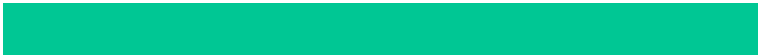
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FB520



4CC155



00C794

Triad

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



4CC155



00B7FF



FF6F80

Complementary

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



4CC155



C14CB8

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.



FF6EC0



4CC155



85A1FF

Square

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



4CC155



00C4FF



E585FB



FF8647

Rectangle

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



4CC155



00C8C1



E585FB



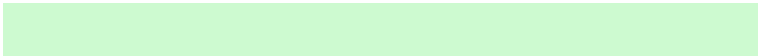
FF6C95

Sweetspot

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



4CC155



CDFAD0



B9C14C



617D64



FCFCFC



7D7D7D

Same Dimension

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



4CC155



43FA52



4CC18E



576158



00A10C



002103

Inverse Universe

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



C14CB8



FA43EC



C14C7F



615760



A10094



21001F

Previews

White Background



This preview shows how the Hex color 4CC155 looks on a white background.

Color Contrast Check

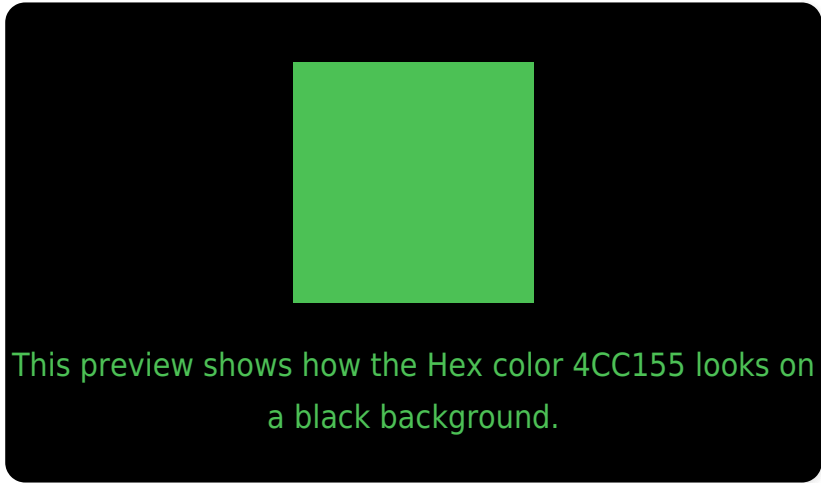
Large Text (above 18pt) WCAG AA × Fail

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

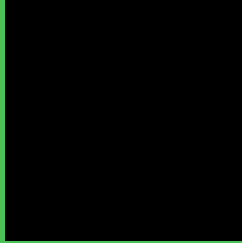
Any Text WCAG AA ✓ Pass

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 4CC155 Background



This preview shows how black text looks on a background with the Hex color 4CC155.

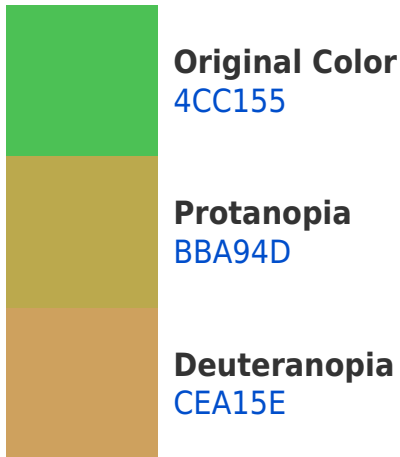


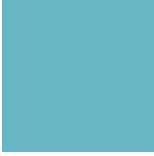
This preview shows how white text looks on a background with the Hex color 4CC155.

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
68B5C4

Trichromacy



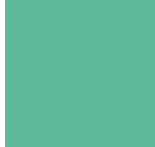
Original Color
4CC155



Protanomaly
93B250



Deuteranomaly
9FAD5B



Tritanomaly
5EB99C

Monochromacy



Original Color
4CC155



Achromatopsia
929292



Achromatomaly
79A37C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CC155 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 #4CC155 looks like.

```
.text, #text, p{  
    color:#4CC155  
}
```

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 #4CC155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC155
}
```

Border

The CSS property to change the border of an element to Hex 4CC155 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
#4CC155 }
```

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

```
.border{ border-color:#4CC155 }
```

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

Here you see how a box with a 4 pixel #4CC155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC155; -webkit-box-shadow:4px 4px  
4px 4px #4CC155; box-shadow:4px 4px 4px  
4px #4CC155 }
```

Background

The CSS property to change the background color of an element to Hex 4CC155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC155 }
```

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

```
.background{ background-color:#4CC155 }
```

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