

# Converting Colors

Hex(4CC65A)

Have a look what the booklet for  
Hex(4CC65A) contains.

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**Color**

**Hex(4CC65A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CC65A
RGB	76, 198, 90
RGB Percent	30%, 78%, 35%
CMY	0.7020, 0.2235, 0.6471
CMYK	0.62, 0.00, 0.55, 0.22
HSL	127°, 52%, 54%
HSV	127°, 62%, 78%
XYZ	25.0200, 42.6629, 16.5889
YIQ	149.2100, -38.0440, -59.4520

# Conversions

## Conversions Part 2

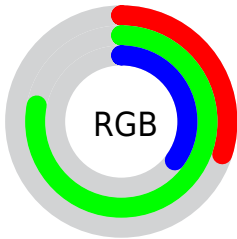
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 185, 198
Decimal	5031514
CIELab	71.33, -55.96, 43.74
CIElCh	71, 71.026, 141.986
Yxy	42.6629, 0.2969, 0.5063
Android (android.graphics.Color)	4283221594 (0xFF4CC65A)
YUV	149.2100, -29.1905, -64.2052
Hunter-Lab	65.3168, -45.9288, 30.6635

# Details

The Hex color **4CC65A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C64CB8**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **88FF8F**, and **008F27** is the 20% darker color. If you saturate the color by 10%, you get **38C648**, and if you desaturate by 10%, it is **60C66C**.

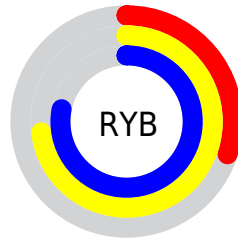
# Distribution



Red (30%)

Green (78%)

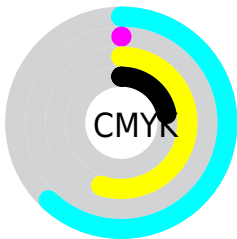
Blue (35%)



Red (30%)

Yellow (73%)

Blue (78%)

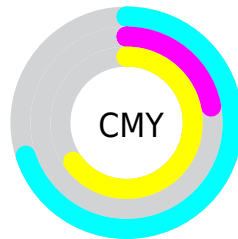


Cyan (62%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (70%)

Magenta (22%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CC65A 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 4CC65A by changing the saturation by 10% instead.



 4CC65A

 4CC65A

FFFFFF

 28AA40

 88FF8F

 008F27

 A6FFAA

 007408

 C3FFC6

 005B00

 E1FFE2

 004200

 002B00

 000900

 000000

 4CC65A


 4CC65A

 38C648

 60C66C

 24C637

 74C67D

 11C625

 87C68F

 00C617

 9BC6A0

 AFC6B2

 C3C6C3

 D7C6D5

 EAC6E6

 FEC6F8

# Harmonies

## Analogous

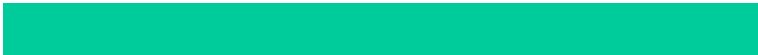
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1BA25



4CC65A



00CC9B

# Triad

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



4CC65A



00BBFF



FF7482

# Complementary

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



4CC65A



C64CB8

# 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.



FF72C3



4CC65A



8EA5FF

# Square

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



4CC65A



00C8FF



EC88FF



FF8B49

# Rectangle

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



4CC65A



00CDC8



EC88FF



FF7097

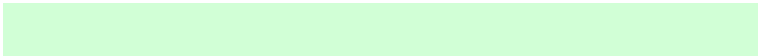


# Sweetspot

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



4CC65A



D1FFD6



BAC64C



638067



000000



808080



# Same Dimension

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



4CC65A



42FF58



4CC695



5A635B



00A313



002404



# Inverse Universe

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



C64CB8



FF42E9



C64C7D



635A62



A30090



240020



# Previews

## White Background



This preview shows how the Hex color 4CC65A looks on a white background.

## Color Contrast Check

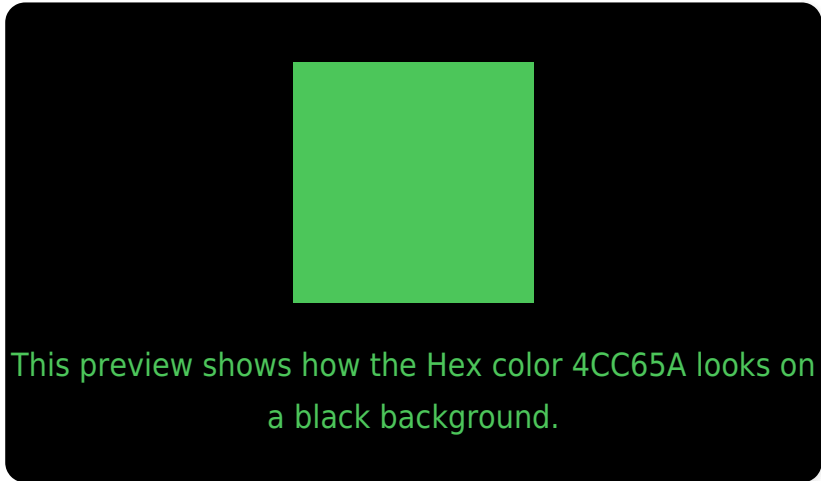
Large Text (above 18pt) WCAG AA × Fail

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

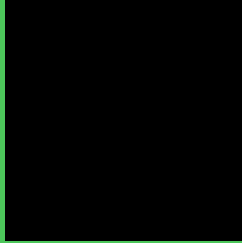
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CC65A Background



This preview shows how black text looks on a background with the Hex color 4CC65A.

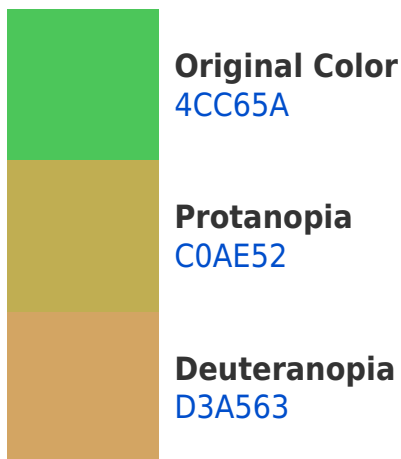


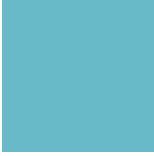
This preview shows how white text looks on a background with the Hex color 4CC65A.

# 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**  
69BAC9

# Trichromacy



**Original Color**  
4CC65A



**Protanomaly**  
96B755



**Deuteranomaly**  
A2B160



**Tritanomaly**  
5EBEA1

# Monochromacy



**Original Color**  
4CC65A



**Achromatopsia**  
959595



**Achromatomaly**  
7AA780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CC65A 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 #4CC65A looks like.

```
.text, #text, p{  
    color:#4CC65A  
}
```

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 #4CC65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC65A
}
```

## Border

The CSS property to change the border of an element to Hex 4CC65A 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
#4CC65A }
```

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

```
.border{ border-color:#4CC65A }
```

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

Here you see how a box with a 4 pixel #4CC65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC65A; -webkit-box-shadow:4px 4px  
4px 4px #4CC65A; box-shadow:4px 4px 4px  
4px #4CC65A }
```

# Background

The CSS property to change the background color of an element to Hex 4CC65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC65A }
```

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

```
.background{ background-color:#4CC65A }
```

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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