

# Converting Colors

Hex(55CA65)

Have a look what the booklet for  
Hex(55CA65) contains.

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**Color**

**Hex(55CA65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55CA65
RGB	85, 202, 101
RGB Percent	33%, 79%, 40%
CMY	0.6667, 0.2078, 0.6039
CMYK	0.58, 0.00, 0.50, 0.21
HSL	128°, 52%, 56%
HSV	128°, 58%, 79%
XYZ	27.2158, 45.1119, 19.5850
YIQ	155.5030, -37.3110, -56.2150

# Conversions

## Conversions Part 2

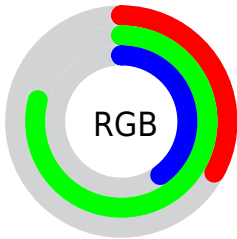
Format	Color
<a href="#">RYB</a>	<a href="#">85, 188, 202</a>
Decimal	<a href="#">5622373</a>
CIELab	<a href="#">72.97, -53.91, 40.49</a>
CIELCh	<a href="#">73, 67.427, 143.093</a>
Yxy	<a href="#">45.1119, 0.2961, 0.4908</a>
Android (android.graphics.Color)	<a href="#">4283812453</a> ( <a href="#">0xFF55CA65</a> )
YUV	<a href="#">155.5030, -26.8700, -61.8311</a>
Hunter-Lab	<a href="#">67.1654, -45.2103, 29.7272</a>

# Details

The Hex color **55CA65** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA55BA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **90FF9A**, and **009333** is the 20% darker color. If you saturate the color by 10%, you get **41CA54**, and if you desaturate by 10%, it is **69CA76**.

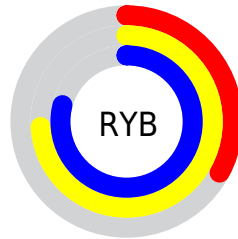
# Distribution



Red (33%)

Green (79%)

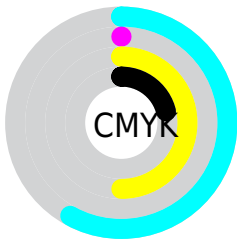
Blue (40%)



Red (33%)

Yellow (74%)

Blue (79%)

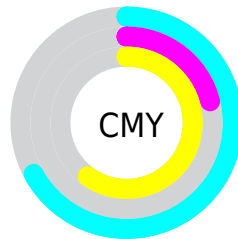


Cyan (58%)

Magenta (0%)

Yellow (50%)

Black (21%)



Cyan (67%)

Magenta (21%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55CA65 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 55CA65 by changing the saturation by 10% instead.



 55CA65

 55CA65

FFFFFF

 34AE4C

 90FF9A

 009333

 ADFFB5

 007819

 CBFFD1

 005E00

 E9FFEE

 004500

 002F00

 001200

 000000

 55CA65

 55CA65

 41CA54

 69CA76

 2DCA42

 7DCA88

 18CA31

 92CA99

 04CA1F

 A6CAAB

 00CA1C

 BACABC

 CECACE

 E2CADF

 F7CAF1

 FFCAFF

# Harmonies

## Analogous

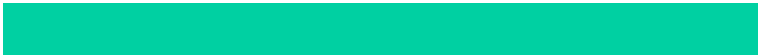
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5BE36



55CA65



00D0A2

# Triad

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



55CA65



00BEFF



FF7D86

# Complementary

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



55CA65



CA55BA

# 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.



FF7BC4



55CA65



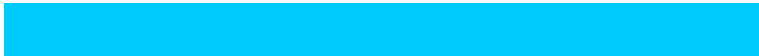
9BA9FF

# Square

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



55CA65



00CBFF



F08EFE



FF9351

# Rectangle

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



55CA65



00D1CD



F08EFE



FF7A9A

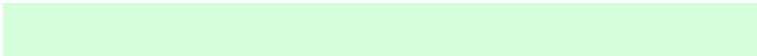


# Sweetspot

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



55CA65



D4FFDA



BACA55



668069



000000



808080



# Same Dimension

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



55CA65



4DFF65



55CA9F



5C665D



00A617



002605



# Inverse Universe

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



CA55BA



FF4DE7



CA5580



665C65



A6008F



260021



# Previews

## White Background



This preview shows how the Hex color 55CA65 looks on a white background.

## Color Contrast Check

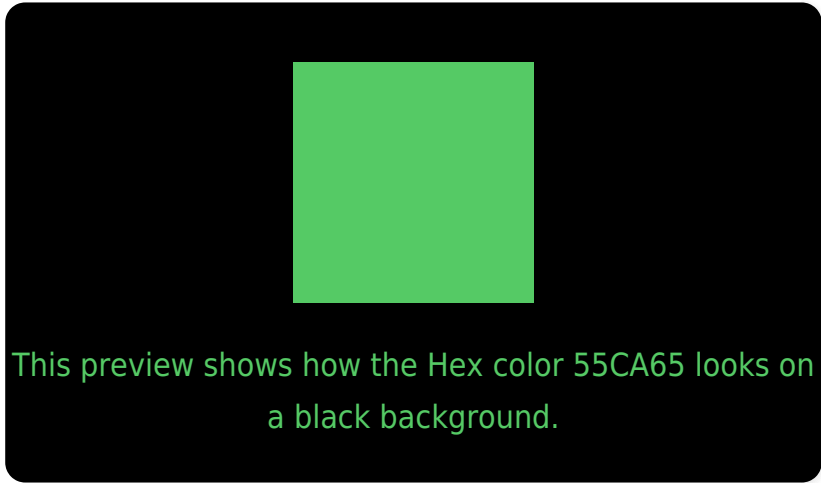
Large Text (above 18pt) WCAG AA × Fail

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

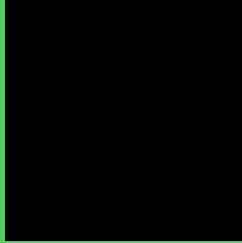
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55CA65 Background



This preview shows how black text looks on a background with the Hex color 55CA65.

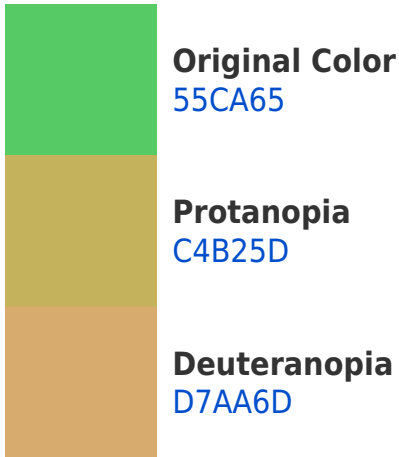


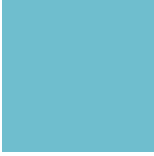
This preview shows how white text looks on a background with the Hex color 55CA65.

# Color Blindness Simulation

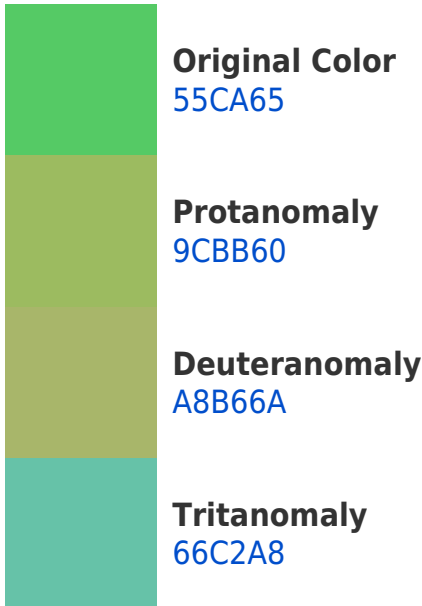
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

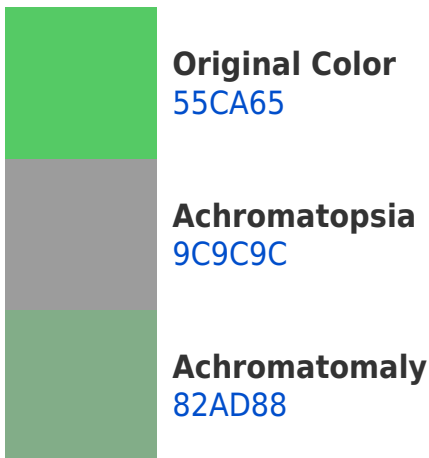




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55CA65 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 #55CA65 looks like.

```
.text, #text, p{  
    color:#55CA65  
}
```

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 #55CA65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CA65
}
```

## Border

The CSS property to change the border of an element to Hex 55CA65 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
#55CA65 }
```

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

```
.border{ border-color:#55CA65 }
```

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

Here you see how a box with a 4 pixel #55CA65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CA65; -webkit-box-shadow:4px 4px  
4px 4px #55CA65; box-shadow:4px 4px 4px  
4px #55CA65 }
```

# Background

The CSS property to change the background color of an element to Hex 55CA65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CA65 }
```

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

```
.background{ background-color:#55CA65 }
```

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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