

# Converting Colors

Hex(5CC964)

Have a look what the booklet for  
Hex(5CC964) contains.

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**Color**

**Hex(5CC964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CC964
RGB	92, 201, 100
RGB Percent	36%, 79%, 39%
CMY	0.6392, 0.2118, 0.6078
CMYK	0.54, 0.00, 0.50, 0.21
HSL	124°, 50%, 57%
HSV	124°, 54%, 79%
XYZ	27.6005, 44.9687, 19.2817
YIQ	156.8950, -32.5430, -54.5190

# Conversions

## Conversions Part 2

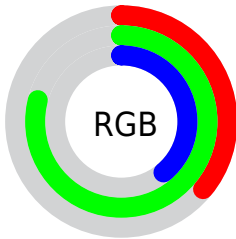
Format	Color
<b>RYB</b>	92, 194, 201
Decimal	6080868
CIELab	72.87, -51.96, 40.91
CIELCh	73, 66.137, 141.784
Yxy	44.9687, 0.3005, 0.4896
Android (android.graphics.Color)	4284270948 (0xFF5CC964)
YUV	156.8950, -28.0492, -56.9129
Hunter-Lab	67.0587, -43.8844, 29.8931

# Details

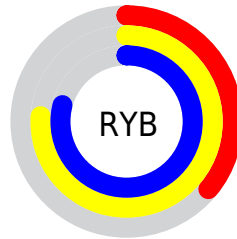
The Hex color **5CC964** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C95CC1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **96FF99**, and **169232** is the 20% darker color. If you saturate the color by 10%, you get **48C951**, and if you desaturate by 10%, it is **70C977**.

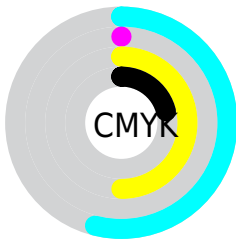
# Distribution



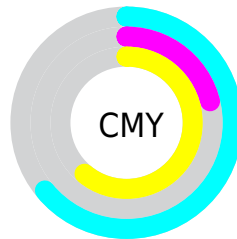
- Red (36%)
- Green (79%)
- Blue (39%)



- Red (36%)
- Yellow (76%)
- Blue (79%)



- Cyan (54%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CC964 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 5CC964 by changing the saturation by 10% instead.



 5CC964

 5CC964

FFFFFF

 3DAD4B

 96FF99

 169232

 B3FFB4

 007717

 D0FFD0

 005E00

 EEFFED

 004500

 002F00

 001200

 000000

 5CC964

 5CC964

 48C951

 70C977

 34C93F

 84C989

 20C92C

 98C99C

 0CC91A

 ACC9AE

 00C90F

 C1C9C1

 D5C9D4

 E9C9E6

 FDC9F9

 FFC9FF

# Harmonies

## Analogous

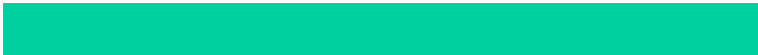
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8BD38



5CC964



00CFA0

# Triad

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



5CC964



00BFFF



FF7E89

# Complementary

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



5CC964



C95CC1

# 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.



FF7CC6



5CC964



96AAFF

# Square

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



5CC964



00CBFF



EC90FF



FF9255

# Rectangle

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



5CC964



00D0CA



EC90FF



FF7B9D

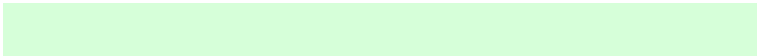


# Sweetspot

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



5CC964



D6FFD9



C2C95C



678069



000000



808080



# Same Dimension

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



5CC964



59FF65



5CC99A



5A635A



00A30C



002403



# Inverse Universe

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



C95CC1



FF59F3



C95C8B



635A63



A30097



240021



# Previews

## White Background



This preview shows how the Hex color 5CC964 looks on a white background.

## Color Contrast Check

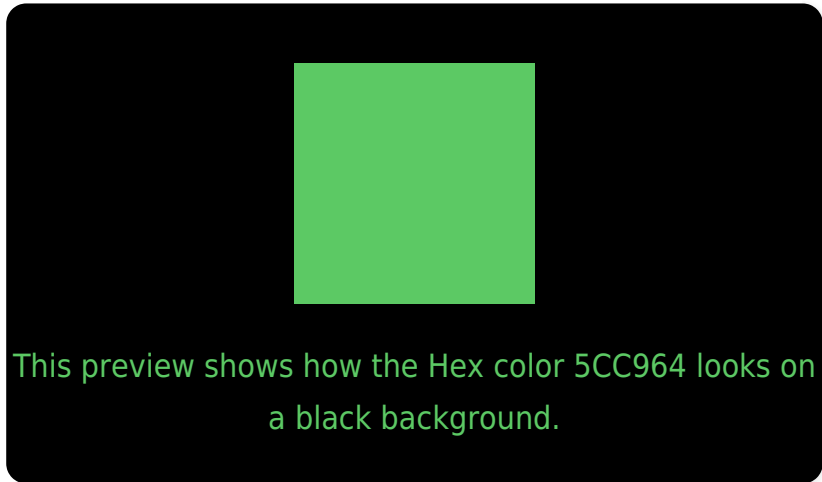
Large Text (above 18pt) WCAG AA × Fail

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 5CC964 Background



This preview shows how black text looks on a background with the Hex color 5CC964.

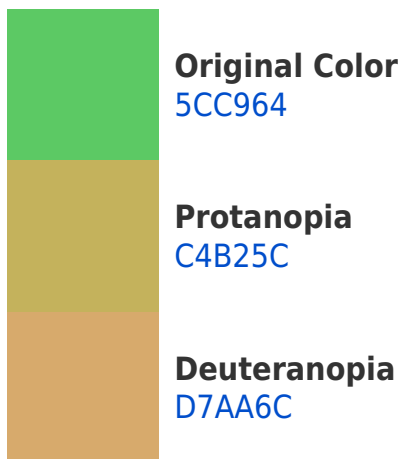


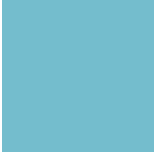
This preview shows how white text looks on a background with the Hex color 5CC964.

# 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**  
74BDCD

# Trichromacy



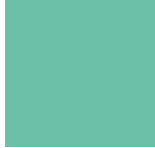
**Original Color**  
5CC964



**Protanomaly**  
9EBA5F



**Deuteranomaly**  
AAB569



**Tritanomaly**  
6BC1A7

# Monochromacy



**Original Color**  
5CC964



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
85AD88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CC964 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 #5CC964 looks like.

```
.text, #text, p{  
    color:#5CC964  
}
```

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 #5CC964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC964
}
```

## Border

The CSS property to change the border of an element to Hex 5CC964 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
#5CC964 }
```

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

```
.border{ border-color:#5CC964 }
```

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

Here you see how a box with a 4 pixel #5CC964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC964; -webkit-box-shadow:4px 4px  
4px 4px #5CC964; box-shadow:4px 4px 4px  
4px #5CC964 }
```

# Background

The CSS property to change the background color of an element to Hex 5CC964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC964 }
```

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

```
.background{ background-color:#5CC964 }
```

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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