

# Converting Colors

Hex(53CB6B)

Have a look what the booklet for  
Hex(53CB6B) contains.

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**Color**

**Hex(53CB6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53CB6B
RGB	83, 203, 107
RGB Percent	33%, 80%, 42%
CMY	0.6745, 0.2039, 0.5804
CMYK	0.59, 0.00, 0.47, 0.20
HSL	132°, 54%, 56%
HSV	132°, 59%, 80%
XYZ	27.5771, 45.6124, 21.2605
YIQ	156.1760, -40.7040, -55.2960

# Conversions

## Conversions Part 2

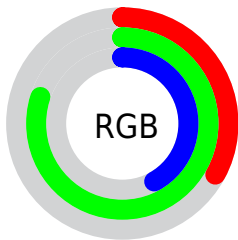
Format	Color
<a href="#">RYB</a>	<a href="#">83, 183, 203</a>
Decimal	<a href="#">5491563</a>
CIELab	<a href="#">73.29, -53.88, 37.92</a>
CIELCh	<a href="#">73, 65.885, 144.857</a>
Yxy	<a href="#">45.6124, 0.2920, 0.4829</a>
Android (android.graphics.Color)	<a href="#">4283681643 (0xFF53CB6B)</a>
YUV	<a href="#">156.1760, -24.2438, -64.1754</a>
Hunter-Lab	<a href="#">67.5370, -45.3036, 28.6115</a>

# Details

The Hex color **53CB6B** 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 **CB53B3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8EFFA0**, and **009439** is the 20% darker color. If you saturate the color by 10%, you get **3FCB5B**, and if you desaturate by 10%, it is **67CB7B**.

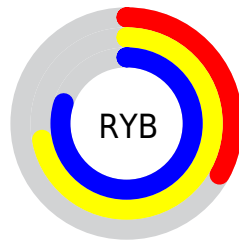
# Distribution



Red (33%)

Green (80%)

Blue (42%)



Red (33%)

Yellow (72%)

Blue (80%)

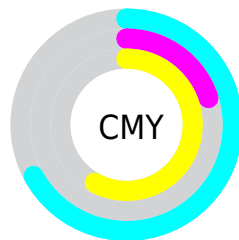


Cyan (59%)

Magenta (0%)

Yellow (47%)

Black (20%)



Cyan (67%)

Magenta (20%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53CB6B 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 53CB6B by changing the saturation by 10% instead.



 53CB6B

 53CB6B

FFFFFF

 32AF52

 8EFFA0

 009439

 ACFFBB

 007920

 C9FFD7

 005F03

 E7FFF4

 004600

 003000

 001400

 000000

 53CB6B

 53CB6B

 3FCB5B

 67CB7B

 2ACB4B

 7CCB8B

 16CB3A

 90CB9C

 02CB2A

 A4CBAC

 00CB29

 B9CBBC

 CDCBCC

 E1CBDD

 F5CBED

 FFCBFD

# Harmonies

## Analogous

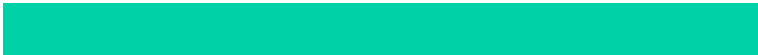
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3C03D



53CB6B



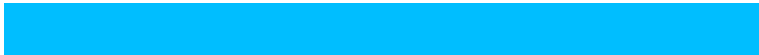
00D1A7

# Triad

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



53CB6B



00BEFF



FF8185

# Complementary

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



53CB6B



CB53B3

# 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.



FF7DC1



53CB6B



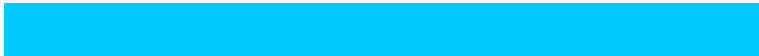
A3A8FF

# Square

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



53CB6B



00CBFF



F48FFA



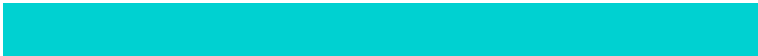
FF9651

# Rectangle

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



53CB6B



00D1D1



F48FFA



FF7D98

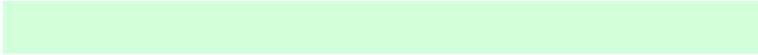


# Sweetspot

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



53CB6B



D1FFDA



B3CB53



638069



000000



808080



# Same Dimension

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



53CB6B



4AFF6E



53CBA7



5C665E



00A621



002608



# Inverse Universe

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



CB53B3



FF4ADB



CB5377



665C64



A60085



26001F



# Previews

## White Background



This preview shows how the Hex color 53CB6B looks on a white background.

## Color Contrast Check

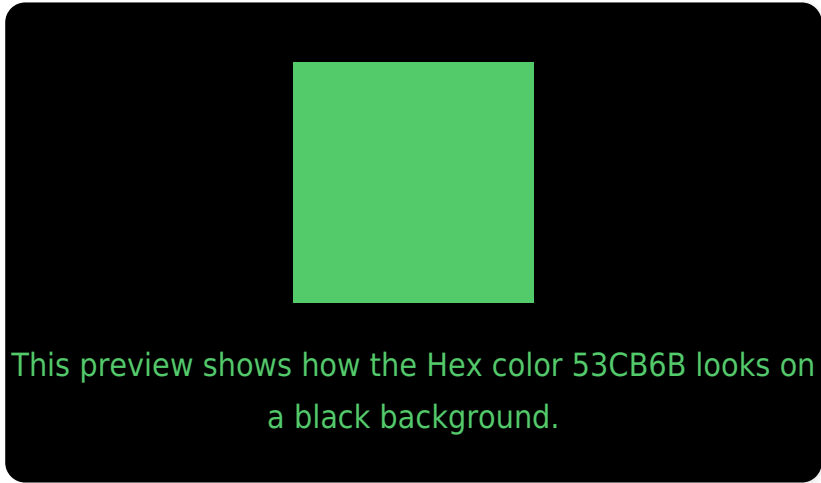
Large Text (above 18pt) WCAG AA × Fail

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 53CB6B Background



This preview shows how black text looks on a background with the Hex color 53CB6B.

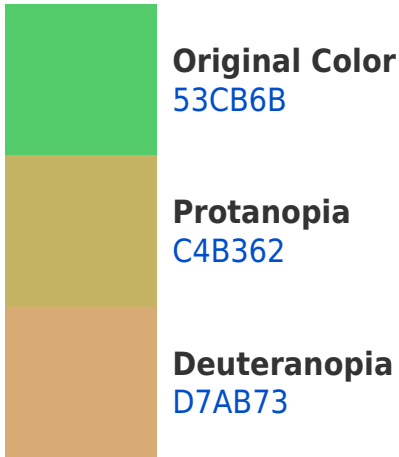


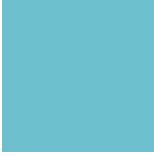
This preview shows how white text looks on a background with the Hex color 53CB6B.

# 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](#).

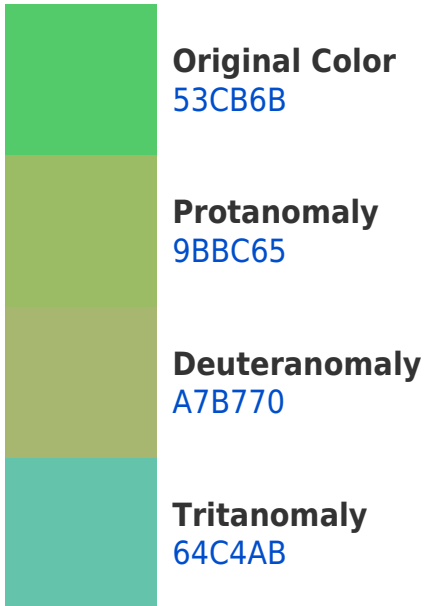
## Dichromacy



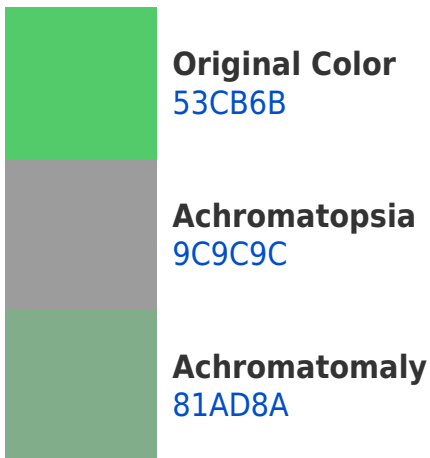


**Tritanopia**  
6EC0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53CB6B 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 #53CB6B looks like.

```
.text, #text, p{  
    color:#53CB6B  
}
```

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 #53CB6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CB6B
}
```

## Border

The CSS property to change the border of an element to Hex 53CB6B 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
#53CB6B }
```

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

```
.border{ border-color:#53CB6B }
```

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

Here you see how a box with a 4 pixel #53CB6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CB6B; -webkit-box-shadow:4px 4px  
4px 4px #53CB6B; box-shadow:4px 4px 4px  
4px #53CB6B }
```

# Background

The CSS property to change the background color of an element to Hex 53CB6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CB6B }
```

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

```
.background{ background-color:#53CB6B }
```

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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