

# Converting Colors

Hex(53B574)

Have a look what the booklet for  
Hex(53B574) contains.

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**Color**

**Hex(53B574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53B574
RGB	83, 181, 116
RGB Percent	33%, 71%, 45%
CMY	0.6745, 0.2902, 0.5451
CMYK	0.54, 0.00, 0.36, 0.29
HSL	140°, 40%, 52%
HSV	140°, 54%, 71%
XYZ	23.2435, 36.1477, 22.2751
YIQ	144.2880, -37.5430, -40.9910

# Conversions

## Conversions Part 2

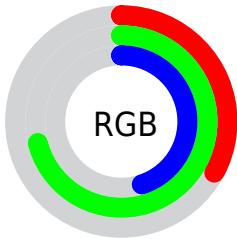
Format	Color
<a href="#">RYB</a>	<a href="#">83, 156, 181</a>
Decimal	<a href="#">5485940</a>
CIELab	<a href="#">66.63, -43.50, 24.62</a>
CIELCh	<a href="#">67, 49.987, 150.488</a>
Yxy	<a href="#">36.1477, 0.2846, 0.4426</a>
Android (android.graphics.Color)	<a href="#">4283676020</a> ( <a href="#">0xFF53B574</a> )
YUV	<a href="#">144.2880, -13.9460, -53.7496</a>
Hunter-Lab	<a href="#">60.1230, -36.2071, 20.1195</a>

# Details

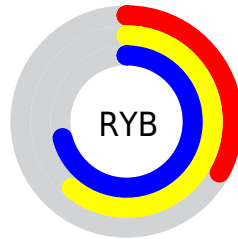
The Hex color **53B574** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B55394**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8BEEA8**, and **0F7F43** is the 20% darker color. If you saturate the color by 10%, you get **41B568**, and if you desaturate by 10%, it is **65B580**.

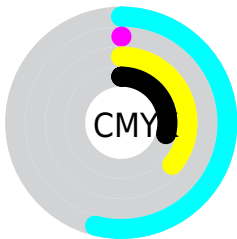
# Distribution



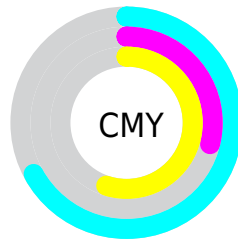
- Red (33%)
- Green (71%)
- Blue (45%)



- Red (33%)
- Yellow (61%)
- Blue (71%)



- Cyan (54%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53B574 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 53B574 by changing the saturation by 10% instead.



 53B574

 53B574

FFFFFF

 359A5B

 8BEEA8

 0F7F43

 A8FFC4

 00652C

 C4FFE0

 004D16

 E1FFFD

 003500

 001F00

 000000

 53B574

 53B574

 41B568

 65B580

 2FB55C

 77B58C

 1DB550

 89B598

 0BB544

 9BB5A4

 00B53D

 AEB5B0

 C0B5BC

 D2B5C8

 E4B5D4

 F6B5E0

# Harmonies

## Analogous

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



8EAD51



53B574



00B9A1

# Triad

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



53B574



4FA7FC



F48177

# Complementary

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



53B574



B55394

# 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.



F47CA3



53B574



A696F0

# Square

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



53B574



00B2EF



DA85CF



DF8F54

# Rectangle

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



53B574



00B9C0



DA85CF



F67E85



# Sweetspot

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



53B574



C5EBD2



94B553



5F7567



F5F5F5



757575



# Same Dimension

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



53B574



52EB85



53B5A5



505953



009934



001A09



# Inverse Universe

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



B55394



EB52B7



B55363



595056



990065



1A0011



# Previews

## White Background



This preview shows how the Hex color 53B574 looks on a white background.

## Color Contrast Check

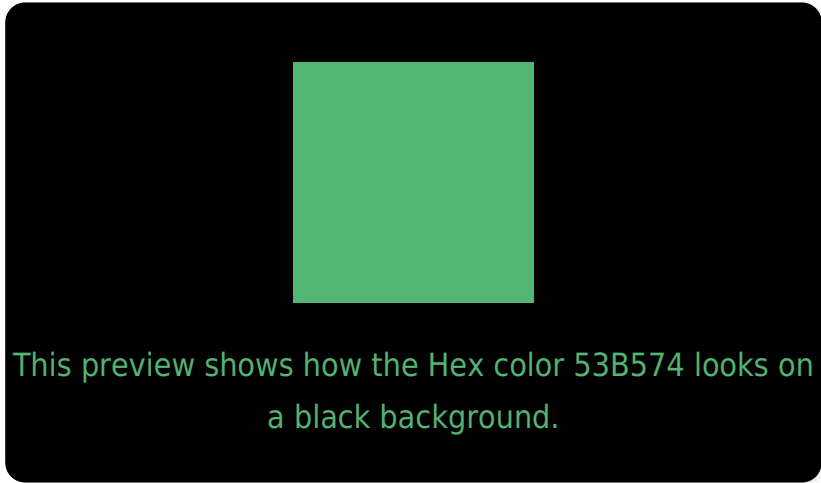
Large Text (above 18pt) WCAG AA × Fail

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

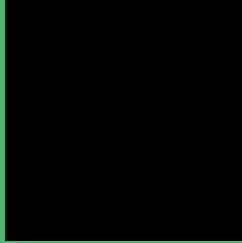
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53B574 Background



This preview shows how black text looks on a background with the Hex color 53B574.

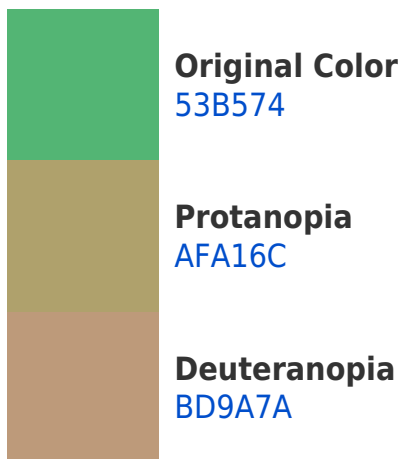


This preview shows how white text looks on a background with the Hex color 53B574.

# Color Blindness Simulation

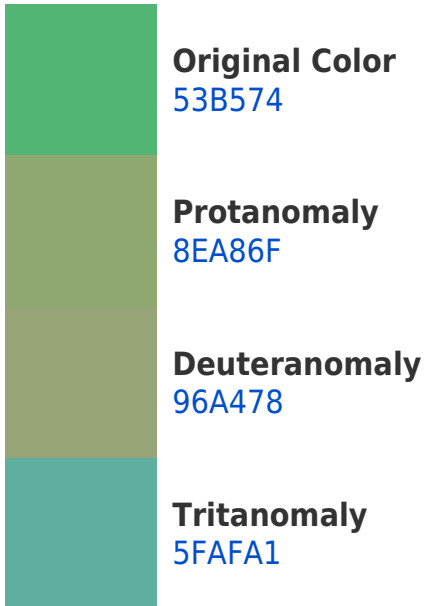
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

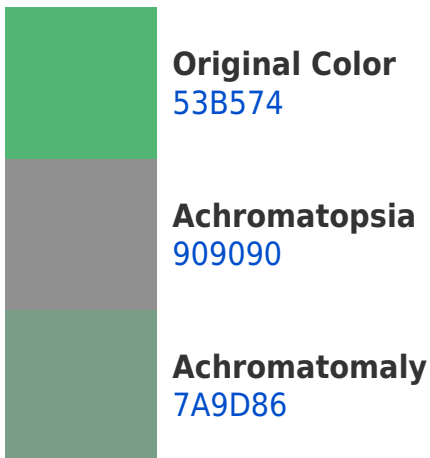




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53B574 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 #53B574 looks like.

```
.text, #text, p{  
    color:#53B574  
}
```

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 #53B574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B574
}
```

## Border

The CSS property to change the border of an element to Hex 53B574 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
#53B574 }
```

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

```
.border{ border-color:#53B574 }
```

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

Here you see how a box with a 4 pixel #53B574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B574; -webkit-box-shadow:4px 4px  
4px 4px #53B574; box-shadow:4px 4px 4px  
4px #53B574 }
```

# Background

The CSS property to change the background color of an element to Hex 53B574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B574 }
```

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

```
.background{ background-color:#53B574 }
```

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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