

# Converting Colors

Hex(54B574)

Have a look what the booklet for  
Hex(54B574) contains.

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**Color**

**Hex(54B574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54B574
RGB	84, 181, 116
RGB Percent	33%, 71%, 45%
CMY	0.6706, 0.2902, 0.5451
CMYK	0.54, 0.00, 0.36, 0.29
HSL	140°, 40%, 52%
HSV	140°, 54%, 71%
XYZ	23.3324, 36.1935, 22.2793
YIQ	144.5870, -36.9470, -40.7790

# Conversions

## Conversions Part 2

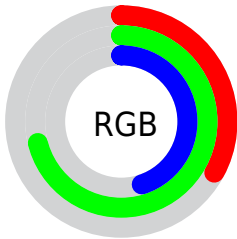
Format	Color
<a href="#">RYB</a>	<a href="#">84, 157, 181</a>
Decimal	<a href="#">5551476</a>
CIELab	<a href="#">66.67, -43.25, 24.68</a>
CIELCh	<a href="#">67, 49.798, 150.295</a>
Yxy	<a href="#">36.1935, 0.2852, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4283741556</a> ( <a href="#">0xFF54B574</a> )
YUV	<a href="#">144.5870, -14.0934, -53.1348</a>
Hunter-Lab	<a href="#">60.1610, -36.0537, 20.1560</a>

# Details

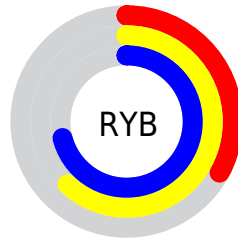
The Hex color **54B574** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B55495**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8CCEA8**, and **127F43** is the 20% darker color. If you saturate the color by 10%, you get **42B568**, and if you desaturate by 10%, it is **66B580**.

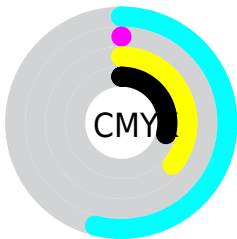
# Distribution



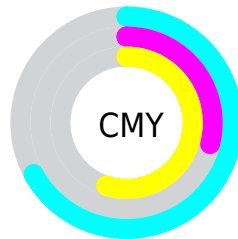
- Red (33%)
- Green (71%)
- Blue (45%)



- Red (33%)
- Yellow (62%)
- 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 54B574 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 54B574 by changing the saturation by 10% instead.



 54B574

 54B574

FFFFFF

 379A5B

 8CEE8

 127F43

 A8FFC4

 00652C

 C5FFE0

 004D16

 E2FFFD

 003500

 001F00

 000000

 54B574

 54B574

 42B568

 66B580

 30B55C

 78B58C

 1EB550

 8AB598

 0CB543

 9CB5A5

 00B53C

 AFB5B1

 C1B5BD

 D3B5C9

 E5B5D5

 F7B5E1

# Harmonies

## Analogous

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



8EAD52



54B574



00B9A1

# Triad

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



54B574



4FA7FB



F48177

# Complementary

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



54B574



B55495

# 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.



F37CA4



54B574



A596F0

# Square

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



54B574



00B2EF



DA85CF



DF9055

# Rectangle

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



54B574



00B9C0



DA85CF



F67E86



# Sweetspot

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



54B574



C5EBD1



96B554



5F7566



F5F5F5



757575



# Same Dimension

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



54B574



54EB86



54B5A3



505953



009932



001A08



# Inverse Universe

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



B55495



EB54B9



B55466



595056



990067



1A0011



# Previews

## White Background



This preview shows how the Hex color 54B574 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



This preview shows how the Hex color 54B574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

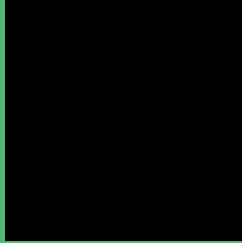
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54B574 Background



This preview shows how black text looks on a background with the Hex color 54B574.

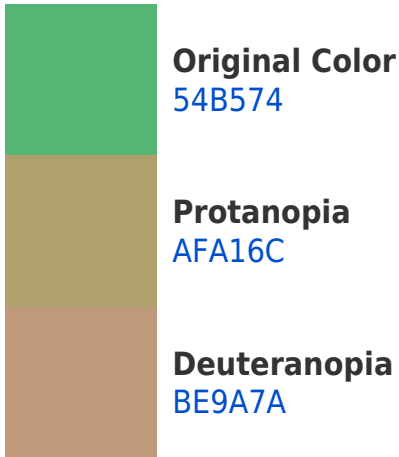


This preview shows how white text looks on a background with the Hex color 54B574.

# 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



**Original Color**  
54B574



**Protanomaly**  
8EA86F



**Deuteranomaly**  
97A478



**Tritanomaly**  
5FAFA1

# Monochromacy



**Original Color**  
54B574



**Achromatopsia**  
919191



**Achromatomaly**  
7B9E86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54B574 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 #54B574 looks like.

```
.text, #text, p{  
    color:#54B574  
}
```

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 #54B574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54B574
}
```

## Border

The CSS property to change the border of an element to Hex 54B574 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
#54B574 }
```

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

```
.border{ border-color:#54B574 }
```

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

Here you see how a box with a 4 pixel #54B574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54B574; -webkit-box-shadow:4px 4px  
4px 4px #54B574; box-shadow:4px 4px 4px  
4px #54B574 }
```

# Background

The CSS property to change the background color of an element to Hex 54B574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54B574 }
```

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

```
.background{ background-color:#54B574 }
```

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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