

# Converting Colors

Hex(4FB354)

Have a look what the booklet for  
Hex(4FB354) contains.

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**Color**

**Hex(4FB354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB354
RGB	79, 179, 84
RGB Percent	31%, 70%, 33%
CMY	0.6902, 0.2980, 0.6706
CMYK	0.56, 0.00, 0.53, 0.30
HSL	123°, 40%, 51%
HSV	123°, 56%, 70%
XYZ	20.9448, 34.5426, 13.9510
YIQ	138.2700, -29.1050, -50.7450

# Conversions

## Conversions Part 2

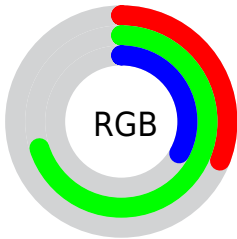
Format	Color
<a href="#">RYB</a>	<a href="#">79, 174, 179</a>
Decimal	<a href="#">5223252</a>
CIELab	<a href="#">65.39, -48.82, 39.50</a>
CIELCh	<a href="#">65, 62.797, 141.021</a>
Yxy	<a href="#">34.5426, 0.3016, 0.4975</a>
Android (android.graphics.Color)	<a href="#">4283413332 (0xFF4FB354)</a>
YUV	<a href="#">138.2700, -26.7551, -51.9798</a>
Hunter-Lab	<a href="#">58.7729, -39.2409, 27.0673</a>

# Details

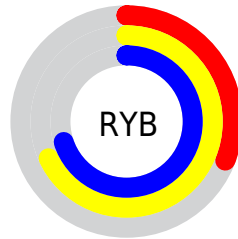
The Hex color **4FB354** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B34FAE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **88EC88**, and **007D22** is the 20% darker color. If you saturate the color by 10%, you get **3DB343**, and if you desaturate by 10%, it is **61B365**.

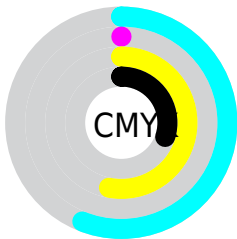
# Distribution



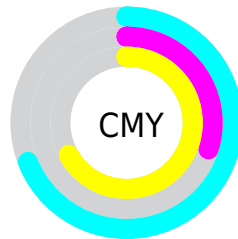
- Red (31%)
- Green (70%)
- Blue (33%)



- Red (31%)
- Yellow (68%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (53%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FB354 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 4FB354 by changing the saturation by 10% instead.





4FB354



4FB354

FFFFFF



30983B



88EC88



007D22



A5FFA3



006305



C2FFBE



004A00



DFFFDA



003300



FDFFF7



001B00



000000



4FB354



4FB354



3DB343



61B365

 2BB332

 73B376

 19B321

 85B387

 07B310

 97B398

 00B309

 A9B3A9

 BAB3BA

 CCB3CB

 DEB3DC

 F0B3ED

# Harmonies

## Analogous

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



96A82A



4FB354



00B98B

# Triad

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



4FB354



00AAFF



FF6D7A

# Complementary

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



4FB354



B34FAE

# 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.



FC6CB2



4FB354



8097FF

# Square

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



4FB354



00B5F5



D27FE6



F18048

# Rectangle

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



4FB354



00BAB3



D27FE6



FF6A8C



# Sweetspot

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



4FB354



C1E8C3



AEB34F



5E755F



F5F5F5



757575



# Same Dimension

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



4FB354



4DE854



4FB386



505951



009908



001A01



# Inverse Universe

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



B34FAE



E84DE0



B34F7C



595059



990091



1A0018



# Previews

## White Background



This preview shows how the Hex color 4FB354 looks on a white background.

## Color Contrast Check

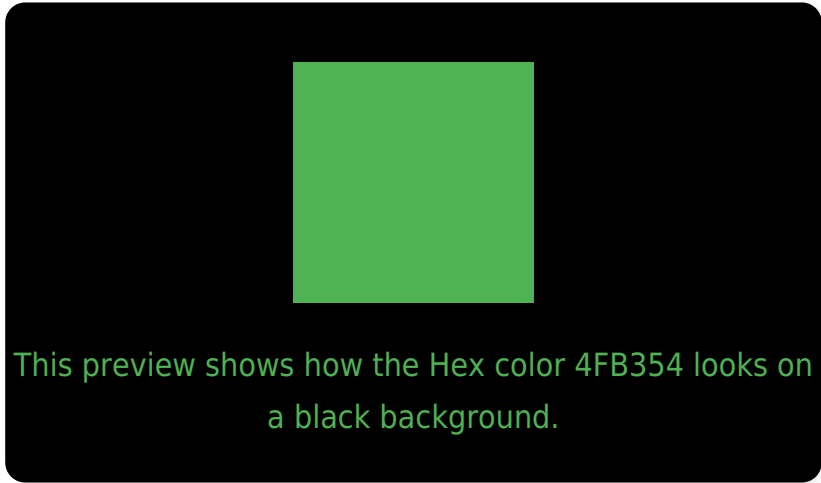
Large Text (above 18pt) WCAG AA × Fail

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

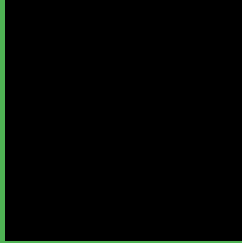
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FB354 Background



This preview shows how black text looks on a background with the Hex color 4FB354.

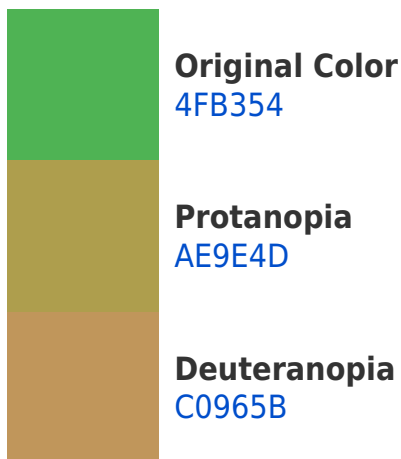


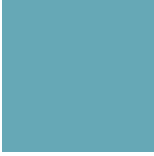
This preview shows how white text looks on a background with the Hex color 4FB354.

# 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](#).

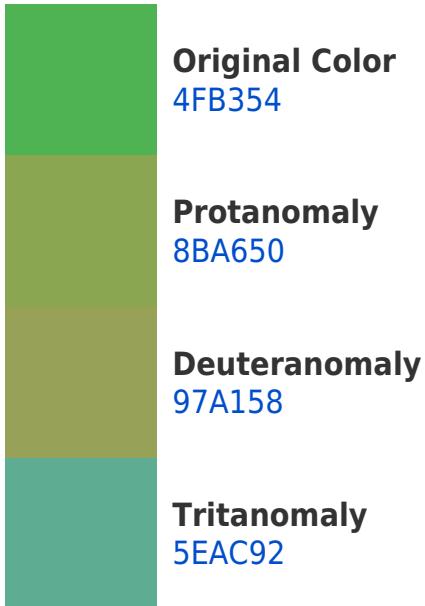
## Dichromacy



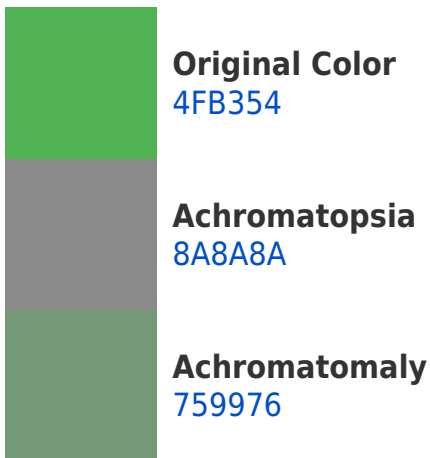


**Tritanopia**  
66A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FB354 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 #4FB354 looks like.

```
.text, #text, p{  
    color:#4FB354  
}
```

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 #4FB354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB354
}
```

## Border

The CSS property to change the border of an element to Hex 4FB354 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
#4FB354 }
```

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

```
.border{ border-color:#4FB354 }
```

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

Here you see how a box with a 4 pixel #4FB354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB354; -webkit-box-shadow:4px 4px  
4px 4px #4FB354; box-shadow:4px 4px 4px  
4px #4FB354 }
```

# Background

The CSS property to change the background color of an element to Hex 4FB354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB354 }
```

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

```
.background{ background-color:#4FB354 }
```

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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