

# Converting Colors

Hex(4BBA4F)

Have a look what the booklet for  
Hex(4BBA4F) contains.

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# Color

Hex(4BBA4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BBA4F
RGB	75, 186, 79
RGB Percent	29%, 73%, 31%
CMY	0.7059, 0.2706, 0.6902
CMYK	0.60, 0.00, 0.58, 0.27
HSL	122°, 45%, 51%
HSV	122°, 60%, 73%
XYZ	21.8718, 37.1782, 13.4205
YIQ	140.6130, -31.8090, -56.8090

# Conversions

## Conversions Part 2

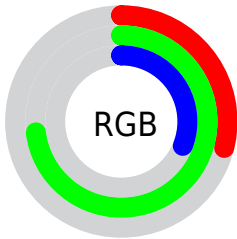
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 182, 186</a>
Decimal	<a href="#">4962895</a>
CIELab	<a href="#">67.41, -53.13, 44.28</a>
CIELCh	<a href="#">67, 69.162, 140.192</a>
Yxy	<a href="#">37.1782, 0.3018, 0.5130</a>
Android (android.graphics.Color)	<a href="#">4283152975 (0xFF4BBA4F)</a>
YUV	<a href="#">140.6130, -30.3752, -57.5426</a>
Hunter-Lab	<a href="#">60.9739, -42.6749, 29.6319</a>

# Details

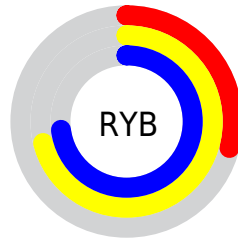
The Hex color **4BBA4F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA4BB6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **86F383**, and **00841B** is the 20% darker color. If you saturate the color by 10%, you get **38BA3D**, and if you desaturate by 10%, it is **5EBA61**.

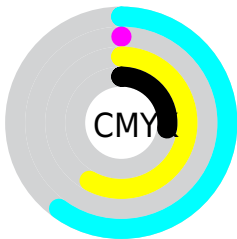
# Distribution



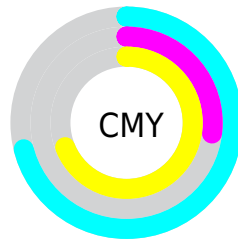
- Red (29%)
- Green (73%)
- Blue (31%)



- Red (29%)
- Yellow (71%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BBA4F 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 4BBA4F by changing the saturation by 10% instead.





4BBA4F



4BBA4F

FFFFFF



299E35



86F383



00841B



A3FF9E



006A00



C0FFBA



005000



DEFFD6



003800



FCFFF3



002100



000000



4BBA4F



4BBA4F



38BA3D



5EBA61

 26BA2B

 70BA73

 13BA19

 83BA85

 01BA07

 95BA97

 00BA07

 A8BAA9

 BBBABB

 CDBACD

 E0BADE

 F2BAF0

# Harmonies

## Analogous

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



9BAE1B



4BBA4F



00C08D

# Triad

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



4BBA4F



00B1FF



FF6A7D

# Complementary

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



4BBA4F



BA4BB6

# 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.



FF69BB



4BBA4F



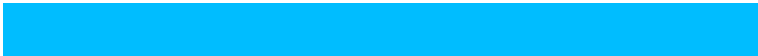
7C9CFF

# Square

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



4BBA4F



00BDFE



DB80F5



FF8045

# Rectangle

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



4BBA4F



00C2B8



DB80F5



FF6791

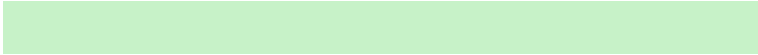


# Sweetspot

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



4BBA4F



C7F2C8



B6BA4B



5F7A60



FAFAFA



7A7A7A



# Same Dimension

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



4BBA4F



44F24A



4BBA86



535C53



009C06



001C01



# Inverse Universe

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



BA4BB6



F244EC



BA4B7F



5C535B



9C0096



1C001B



# Previews

## White Background



This preview shows how the Hex color 4BBA4F looks on a white background.

## Color Contrast Check

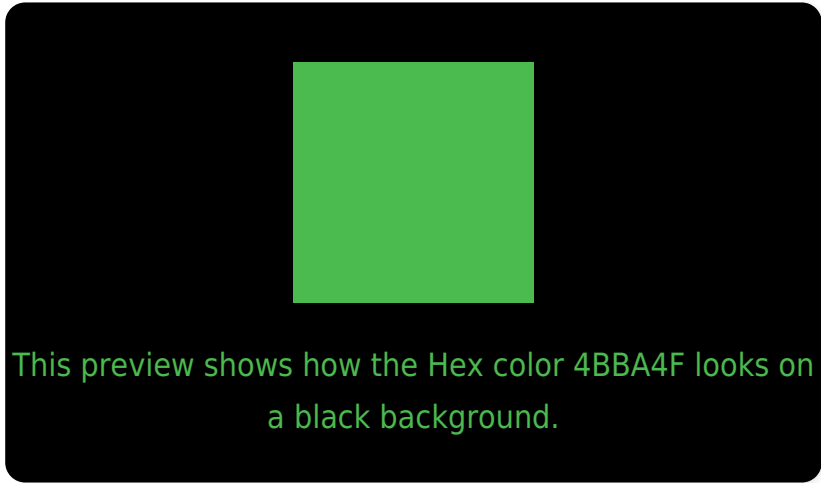
Large Text (above 18pt) WCAG AA × Fail

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

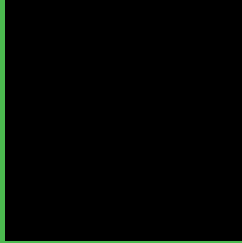
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4BBA4F Background



This preview shows how black text looks on a background with the Hex color 4BBA4F.

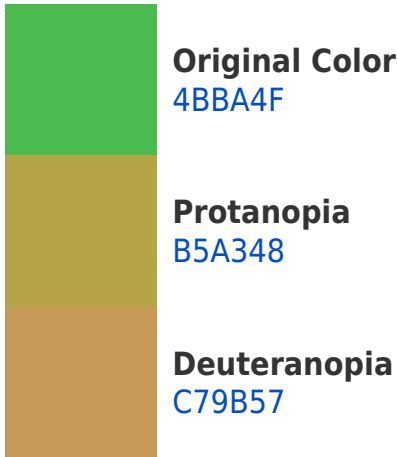


This preview shows how white text looks on a background with the Hex color 4BBA4F.

# 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](#).

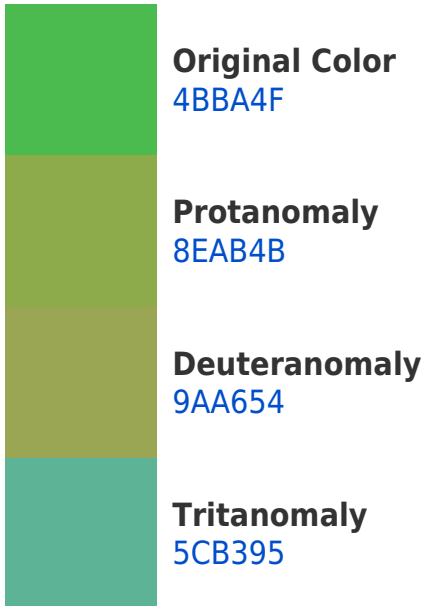
## Dichromacy



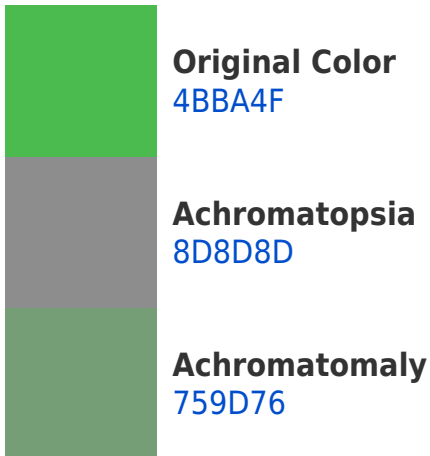


**Tritanopia**  
66AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BBA4F 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 #4BBA4F looks like.

```
.text, #text, p{  
    color:#4BBA4F  
}
```

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 #4BBA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BBA4F
}
```

## Border

The CSS property to change the border of an element to Hex 4BBA4F 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
#4BBA4F }
```

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

```
.border{ border-color:#4BBA4F }
```

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

Here you see how a box with a 4 pixel #4BBA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BBA4F; -webkit-box-shadow:4px 4px  
4px 4px #4BBA4F; box-shadow:4px 4px 4px  
4px #4BBA4F }
```

# Background

The CSS property to change the background color of an element to Hex 4BBA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BBA4F }
```

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

```
.background{ background-color:#4BBA4F }
```

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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