

# Converting Colors

Hex(4BAF6A)

Have a look what the booklet for  
Hex(4BAF6A) contains.

<b>Hex(4BAF6A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(4BAF6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BAF6A
RGB	75, 175, 106
RGB Percent	29%, 69%, 42%
CMY	0.7059, 0.3137, 0.5843
CMYK	0.57, 0.00, 0.39, 0.31
HSL	139°, 40%, 49%
HSV	139°, 57%, 69%
XYZ	20.8331, 33.1964, 18.9452
YIQ	137.2340, -37.4510, -42.6590

# Conversions

## Conversions Part 2

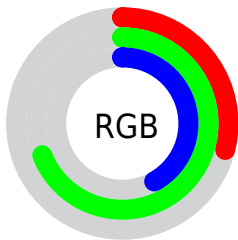
Format	Color
<a href="#">RYB</a>	<a href="#">75, 151, 175</a>
Decimal	<a href="#">4960106</a>
CIELab	<a href="#">64.32, -44.74, 26.83</a>
CIELCh	<a href="#">64, 52.164, 149.050</a>
Yxy	<a href="#">33.1964, 0.2855, 0.4549</a>
Android (android.graphics.Color)	<a href="#">4283150186 (0xFF4BAF6A)</a>
YUV	<a href="#">137.2340, -15.3984, -54.5792</a>
Hunter-Lab	<a href="#">57.6163, -36.2858, 20.8359</a>

# Details

The Hex color **4BAF6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF4B90**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **84E79E**, and **00793A** is the 20% darker color. If you saturate the color by 10%, you get **3AAF5E**, and if you desaturate by 10%, it is **5DAF76**.

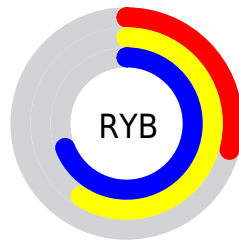
# Distribution



Red (29%)

Green (69%)

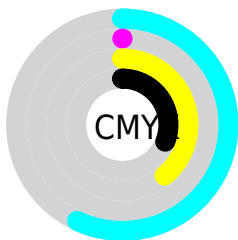
Blue (42%)



Red (29%)

Yellow (59%)

Blue (69%)

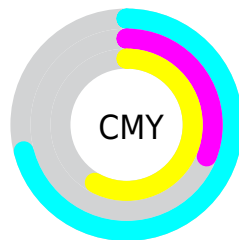


Cyan (57%)

Magenta (0%)

Yellow (39%)

Black (31%)



Cyan (71%)

Magenta (31%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BAF6A 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 4BAF6A by changing the saturation by 10% instead.





4BAF6A



4BAF6A

FFFFFF



2C9451



84E79E



00793A



A0FFB9



006023



BDFFD5



00470C



DAFFF1



003000



F7FFFF



001800



000000



4BAF6A



4BAF6A



3AAF5E



5DAF76

 28AF52

 6EAF82

 16AF46

 80AF8E

 05AF3A

 91AF9A

 00AF36

 A3AFA6

 B4AFB2

 C6AFBF

 D7AFCB

 E9AFD7

# Harmonies

## Analogous

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



89A646



4BAF6A



00B399

# Triad

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



4BAF6A



34A1F9



F07871

# Complementary

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



4BAF6A



AF4B90

# 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.



EF739F



4BAF6A



9B90EE

# Square

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



4BAF6A



00ADEB



D47ECD



DC884C

# Rectangle

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



4BAF6A



00B3B9



D47ECD



F37580



# Sweetspot

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



4BAF6A



BCE3C8



91AF4B



5C7363



F2F2F2



737373



# Same Dimension

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



4BAF6A



46E377



4BAF9B



4E5751



00962F



001707



# Inverse Universe

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



AF4B90



E346B2



AF4B5F



574E54



960068



170010



# Previews

## White Background



This preview shows how the Hex color 4BAF6A looks on a white background.

## Color Contrast Check

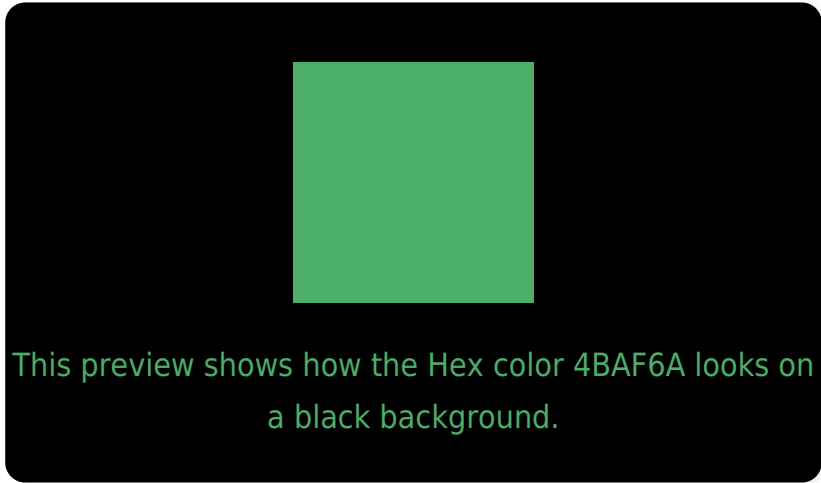
Large Text (above 18pt) WCAG AA × Fail

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

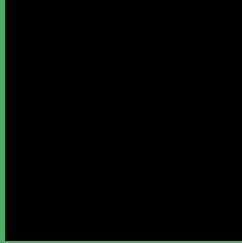
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4BAF6A Background



This preview shows how black text looks on a background with the Hex color 4BAF6A.

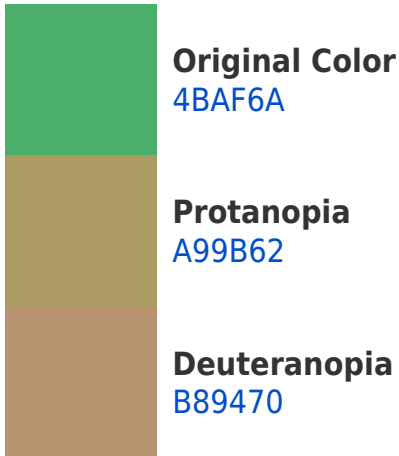


This preview shows how white text looks on a background with the Hex color 4BAF6A.

# 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](#).

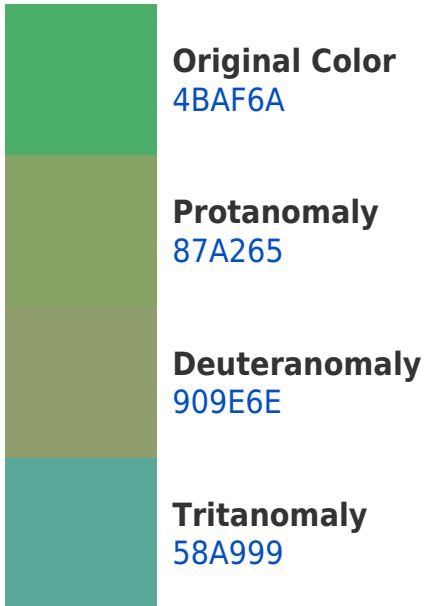
## Dichromacy



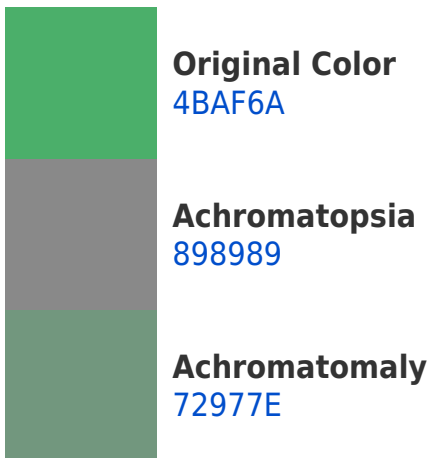


**Tritanopia**  
5FA6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BAF6A 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 #4BAF6A looks like.

```
.text, #text, p{  
    color:#4BAF6A  
}
```

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 #4BAF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BAF6A
}
```

## Border

The CSS property to change the border of an element to Hex 4BAF6A 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
#4BAF6A }
```

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

```
.border{ border-color:#4BAF6A }
```

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

Here you see how a box with a 4 pixel #4BAF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BAF6A; -webkit-box-shadow:4px 4px  
4px 4px #4BAF6A; box-shadow:4px 4px 4px  
4px #4BAF6A }
```

# Background

The CSS property to change the background color of an element to Hex 4BAF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAF6A }
```

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

```
.background{ background-color:#4BAF6A }
```

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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