

# Converting Colors

Hex(4B9C56)

Have a look what the booklet for  
Hex(4B9C56) contains.

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**Color**

**Hex(4B9C56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B9C56
RGB	75, 156, 86
RGB Percent	29%, 61%, 34%
CMY	0.7059, 0.3882, 0.6627
CMYK	0.52, 0.00, 0.45, 0.39
HSL	128°, 35%, 45%
HSV	128°, 52%, 61%
XYZ	16.4698, 25.9447, 12.9439
YIQ	123.8010, -25.8060, -38.9420

# Conversions

## Conversions Part 2

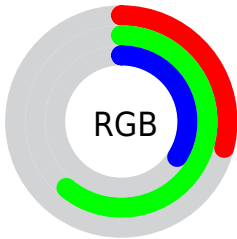
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 146, 156
Decimal	4955222
CIELab	57.98, -40.15, 29.22
CIElCh	58, 49.653, 143.951
Yxy	25.9447, 0.2975, 0.4687
Android (android.graphics.Color)	4283145302 (0xFF4B9C56)
YUV	123.8010, -18.6359, -42.7985
Hunter-Lab	50.9359, -31.4209, 20.5883

# Details

The Hex color **4B9C56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C4B91**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **81D389**, and **0B6827** is the 20% darker color. If you saturate the color by 10%, you get **3B9C49**, and if you desaturate by 10%, it is **5B9C63**.

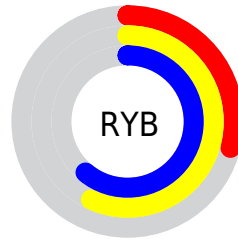
# Distribution



Red (29%)

Green (61%)

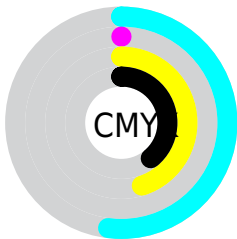
Blue (34%)



Red (29%)

Yellow (57%)

Blue (61%)

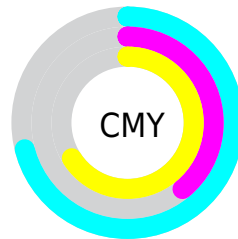


Cyan (52%)

Magenta (0%)

Yellow (45%)

Black (39%)



Cyan (71%)

Magenta (39%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B9C56 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 4B9C56 by changing the saturation by 10% instead.





4B9C56



4B9C56

FFFFFF



2F823E



81D389



0B6827



9DF0A3



004F0F



B9FFBF



003700



D6FFDB



002300



F3FFF7



000000



4B9C56



4B9C56



3B9C49



5B9C63



2C9C3B



6A9C71

 1C9C2E

 7A9C7E

 0D9C20

 899C8C

 009C15

 999C99

 A99CA7

 B89CB4

 C89CC2

 D79CCF

# Harmonies

## Analogous

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



819337



4B9C56



00A081

# Triad

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



4B9C56



0093E2



DB686B

# Complementary

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



4B9C56



9C4B91

# 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.



D66696



4B9C56



7F83DB

# Square

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



4B9C56



009CD1



B872BF



CB7646

# Rectangle

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



4B9C56



00A19F



B872BF



DC6579



# Sweetspot

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



4B9C56



ABCCB0



919C4B



536655



E6E6E6



666666



# Same Dimension

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



4B9C56



4ECC5F



4B9C7E



474F48



008F13



000F02



# Inverse Universe

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



9C4B91



CC4EBB



9C4B69



4F474E



8F007B



0F000D



# Previews

## White Background



This preview shows how the Hex color 4B9C56 looks on a white background.

## Color Contrast Check

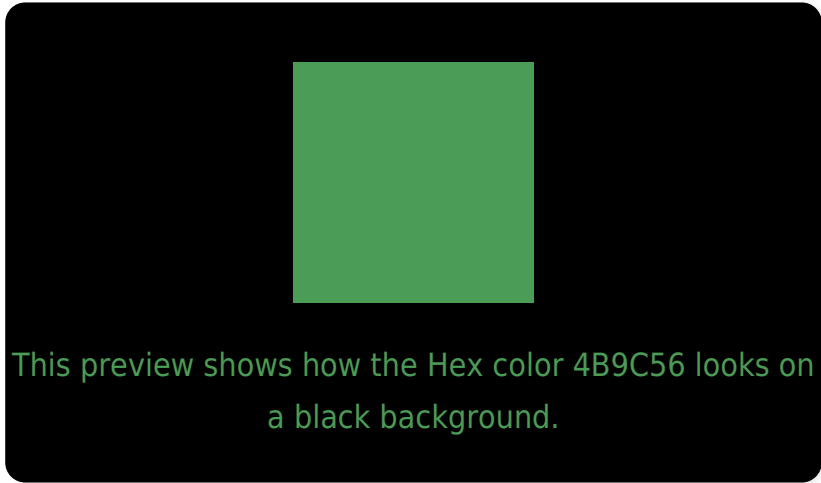
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 4B9C56 Background



This preview shows how black text looks on a background with the Hex color 4B9C56.



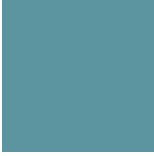
This preview shows how white text looks on a background with the Hex color 4B9C56.

# 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](#).

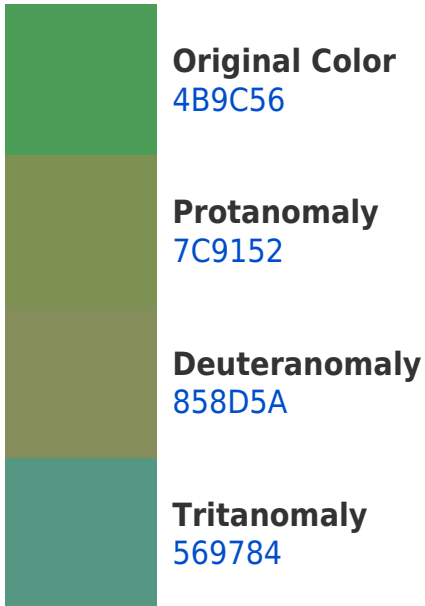
## Dichromacy





**Tritanopia**  
5C949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B9C56 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 #4B9C56 looks like.

```
.text, #text, p{  
    color:#4B9C56  
}
```

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 #4B9C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9C56
}
```

## Border

The CSS property to change the border of an element to Hex 4B9C56 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
#4B9C56 }
```

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

```
.border{ border-color:#4B9C56 }
```

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

Here you see how a box with a 4 pixel #4B9C56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9C56; -webkit-box-shadow:4px 4px  
4px 4px #4B9C56; box-shadow:4px 4px 4px  
4px #4B9C56 }
```

# Background

The CSS property to change the background color of an element to Hex 4B9C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9C56 }
```

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

```
.background{ background-color:#4B9C56 }
```

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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