

# Converting Colors

Hex(4B9F56)

Have a look what the booklet for  
Hex(4B9F56) contains.

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**Color**

**Hex(4B9F56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B9F56
RGB	75, 159, 86
RGB Percent	29%, 62%, 34%
CMY	0.7059, 0.3765, 0.6627
CMYK	0.53, 0.00, 0.46, 0.38
HSL	128°, 36%, 46%
HSV	128°, 53%, 62%
XYZ	16.9795, 26.9640, 13.1138
YIQ	125.5620, -26.6310, -40.5110

# Conversions

## Conversions Part 2

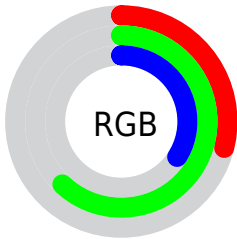
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 149, 159
Decimal	4955990
CIELab	58.94, -41.42, 30.44
CIELCh	59, 51.404, 143.689
Yxy	26.9640, 0.2976, 0.4726
Android (android.graphics.Color)	4283146070 (0xFF4B9F56)
YUV	125.5620, -19.5041, -44.3429
Hunter-Lab	51.9269, -32.5046, 21.3756

# Details

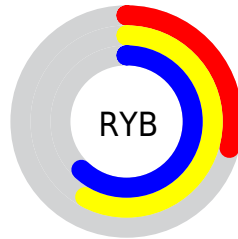
The Hex color **4B9F56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F4B94**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **82D689**, and **086B26** is the 20% darker color. If you saturate the color by 10%, you get **3B9F48**, and if you desaturate by 10%, it is **5B9F64**.

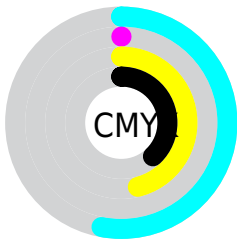
# Distribution



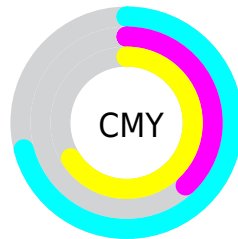
- Red (29%)
- Green (62%)
- Blue (34%)



- Red (29%)
- Yellow (58%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B9F56 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 4B9F56 by changing the saturation by 10% instead.





4B9F56



4B9F56

FFFFFF



2E843E



82D689



086B26



9EF3A3



00520F



BAFFBF



003A00



D7FFDB



002500



F4FFF8



000000



4B9F56



4B9F56



3B9F48



5B9F64



2B9F3A



6B9F72

 1B9F2D

 7B9F7F

 0B9F1F

 8B9F8D

 009F15

 9B9F9B

 AA9FA9

 BA9FB7

 CA9FC5

 DA9FD2

# Harmonies

## Analogous

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



849636



4B9F56



00A382

# Triad

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



4B9F56



0096E7



E0686C

# Complementary

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



4B9F56



9F4B94

# 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.



DB6699



4B9F56



7F86E1

# Square

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



4B9F56



00A0D6



BC73C4



D07746

# Rectangle

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



4B9F56



00A4A2



BC73C4



E1667B



# Sweetspot

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



4B9F56



AECFB2



959F4B



556957



E8E8E8



696969



# Same Dimension

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



4B9F56



4CCF5D



4B9F7F



474F48



008F13



000F02



# Inverse Universe

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



9F4B94



CF4CBE



9F4B6B



4F474E



8F007C



0F000D



# Previews

## White Background



This preview shows how the Hex color 4B9F56 looks on a white background.

## Color Contrast Check

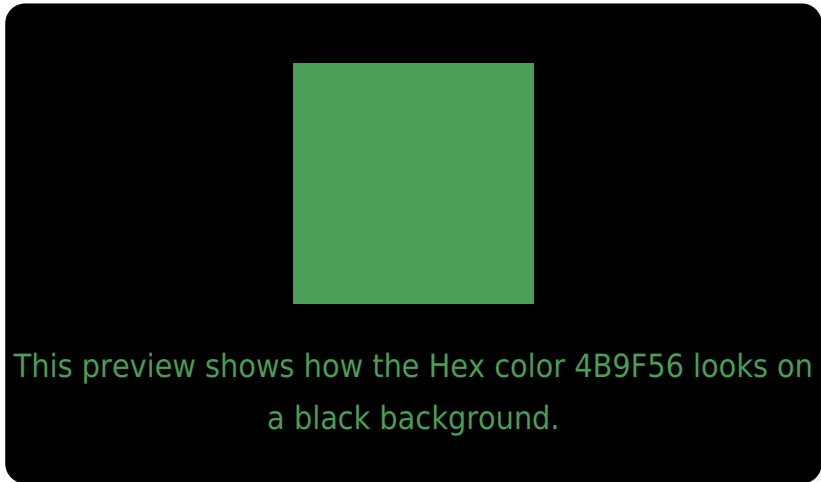
Large Text (above 18pt) WCAG AA ✓ Pass

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

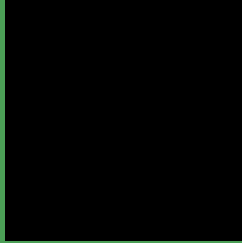
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B9F56 Background



This preview shows how black text looks on a background with the Hex color 4B9F56.



This preview shows how white text looks on a background with the Hex color 4B9F56.

# 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



**Original Color**  
4B9F56

**Protanopia**  
9B8D4F

**Deuteranopia**  
A9875C



**Tritanopia**  
5D96A2

# Trichromacy



**Original Color**  
4B9F56



**Protanomaly**  
7E9452



**Deuteranomaly**  
87905A



**Tritanomaly**  
569986

# Monochromacy



**Original Color**  
4B9F56



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
6B8A6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B9F56 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 #4B9F56 looks like.

```
.text, #text, p{  
    color:#4B9F56  
}
```

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 #4B9F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9F56
}
```

## Border

The CSS property to change the border of an element to Hex 4B9F56 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
#4B9F56 }
```

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

```
.border{ border-color:#4B9F56 }
```

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

Here you see how a box with a 4 pixel #4B9F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9F56; -webkit-box-shadow:4px 4px  
4px 4px #4B9F56; box-shadow:4px 4px 4px  
4px #4B9F56 }
```

# Background

The CSS property to change the background color of an element to Hex 4B9F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9F56 }
```

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

```
.background{ background-color:#4B9F56 }
```

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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