

# Converting Colors

Hex(B6AC56)

Have a look what the booklet for  
Hex(B6AC56) contains.

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# **Color**

**Hex(B6AC56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6AC56
RGB	182, 172, 86
RGB Percent	71%, 67%, 34%
CMY	0.2863, 0.3255, 0.6627
CMYK	0.00, 0.05, 0.53, 0.29
HSL	54°, 40%, 53%
HSV	54°, 53%, 71%
XYZ	35.7236, 40.1220, 14.6656
YIQ	165.1860, 33.5660, -24.6260

# Conversions

## Conversions Part 2

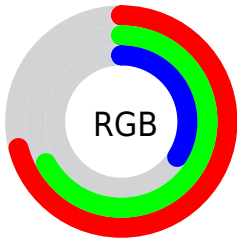
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 182, 86
Decimal	11971670
CIE <sub>Lab</sub>	69.56, -7.94, 44.99
CIE <sub>LCh</sub>	70, 45.686, 100.011
Yxy	40.1220, 0.3947, 0.4433
Android (android.graphics.Color)	4290161750 (0xFFB6AC56)
YUV	165.1860, -39.0387, 14.7459
Hunter-Lab	63.3419, -10.1778, 30.6119

# Details

The Hex color **B6AC56** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5660B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F0E38A**, and **7F7824** is the 20% darker color. If you saturate the color by 10%, you get **B6AA44**, and if you desaturate by 10%, it is **B6AE68**.

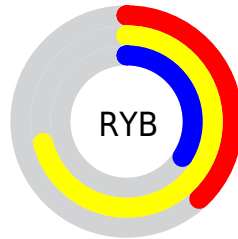
# Distribution



Red (71%)

Green (67%)

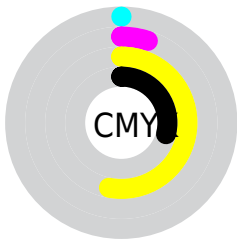
Blue (34%)



Red (38%)

Yellow (71%)

Blue (34%)

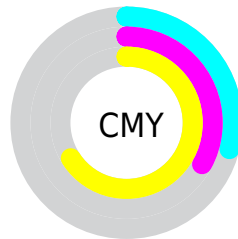


Cyan (0%)

Magenta (5%)

Yellow (53%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6AC56 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 B6AC56 by changing the saturation by 10% instead.



 B6AC56

 B6AC56

FFFFFF

 9A923D

 F0E38A

 7F7824

 FFFFA5

 645F06

 FFFFC1

 4B4800

 FFFFDD

 323200

 FFFFFA

 191D00

 000000

 B6AC56

 B6AC56

 B6AA44

 B6AE68

 B6A832

 B6B07A

 B6A61F

 B6B28D

 B6A40D

 B6B49F

 B6A300

 B6B5B1

 B6B7C3

 B6B9D5

 B6BBE8

 B6BDFA

# Harmonies

## Analogous

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



DB9E5C



B6AC56



89B768

# Triad

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



B6AC56



00BDDE



E88CC7

# Complementary

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



B6AC56



5660B6

# 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.



C09AEA



B6AC56



00B6F7

# Square

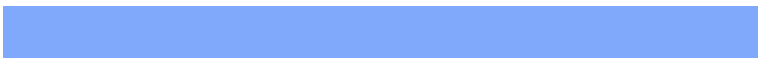
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B6AC56



00BFB7



80A9FB



F9889D

# Rectangle

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



B6AC56



65BC7F



80A9FB



DD90D4



# Sweetspot

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



B6AC56



EDE9C7



B65661



787561



F7F7F7



787878



# Same Dimension

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



B6AC56



EDDE58



91B656



5C5B53



9C8B00



1C1900



# Inverse Universe

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



5660B6



5867ED



7B56B6



53545C



00109C



00031C



# Previews

## White Background



This preview shows how the Hex color B6AC56 looks on a white background.

## Color Contrast Check

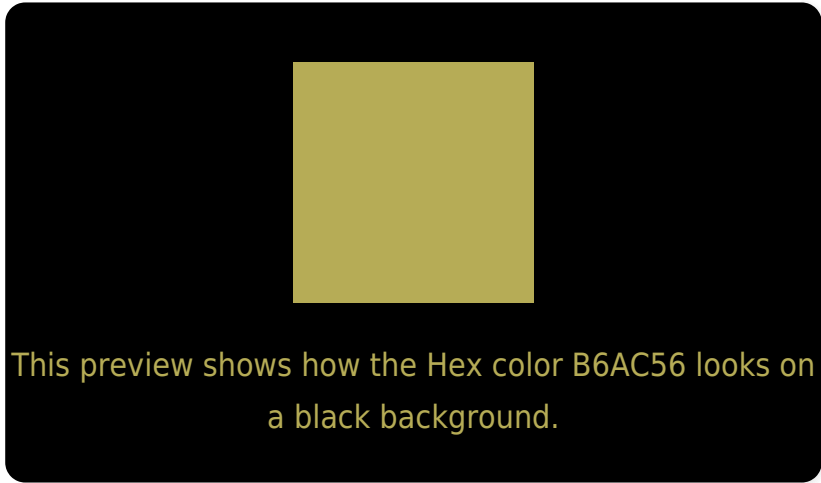
Large Text (above 18pt) WCAG AA × Fail

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

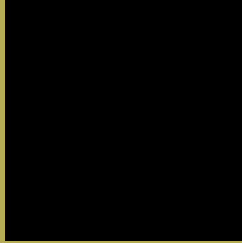
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6AC56 Background



This preview shows how black text looks on a background with the Hex color B6AC56.



This preview shows how white text looks on a background with the Hex color B6AC56.

# 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**  
B6AC56

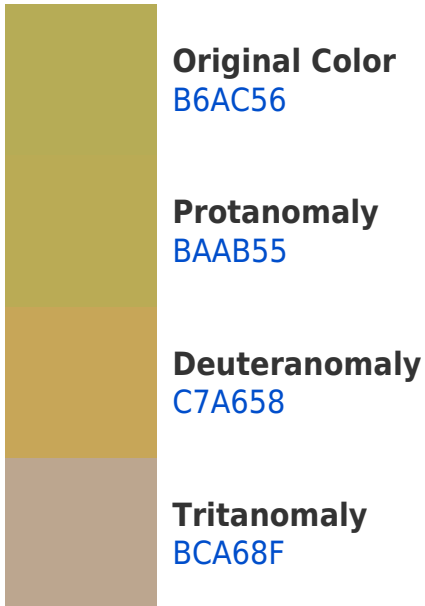
**Protanopia**  
BCAA55

**Deuteranopia**  
D0A259

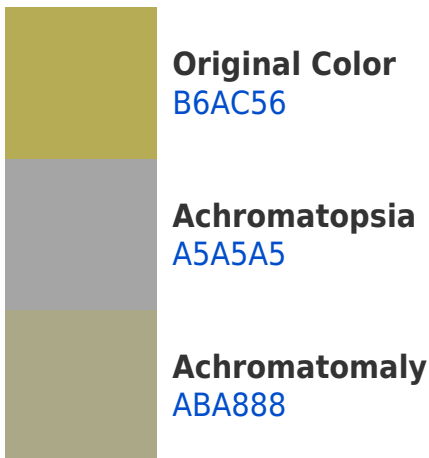


**Tritanopia**  
BFA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6AC56 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 #B6AC56 looks like.

```
.text, #text, p{  
    color:#B6AC56  
}
```

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 #B6AC56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6AC56
}
```

## Border

The CSS property to change the border of an element to Hex B6AC56 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
#B6AC56 }
```

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

```
.border{ border-color:#B6AC56 }
```

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

Here you see how a box with a 4 pixel #B6AC56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6AC56; -webkit-box-shadow:4px 4px  
4px 4px #B6AC56; box-shadow:4px 4px 4px  
4px #B6AC56 }
```

# Background

The CSS property to change the background color of an element to Hex B6AC56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6AC56 }
```

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

```
.background{ background-color:#B6AC56 }
```

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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