

# Converting Colors

Hex(6BAF70)

Have a look what the booklet for  
Hex(6BAF70) contains.

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# **Color**

**Hex(6BAF70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BAF70
RGB	107, 175, 112
RGB Percent	42%, 69%, 44%
CMY	0.5804, 0.3137, 0.5608
CMYK	0.39, 0.00, 0.36, 0.31
HSL	124°, 30%, 55%
HSV	124°, 39%, 69%
XYZ	24.3180, 34.9556, 20.7946
YIQ	147.4860, -20.3050, -34.0090

# Conversions

## Conversions Part 2

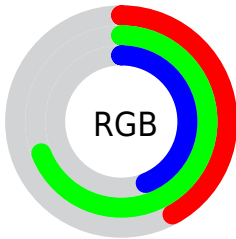
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 170, 175
Decimal	7057264
CIELab	65.71, -34.80, 25.71
CIELCh	66, 43.265, 143.540
Yxy	34.9556, 0.3037, 0.4366
Android (android.graphics.Color)	4285247344 (0xFF6BAF70)
YUV	147.4860, -17.4946, -35.5062
Hunter-Lab	59.1233, -30.0468, 20.5330

# Details

The Hex color **6BAF70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF6BAA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A1E7A4**, and **367A3F** is the 20% darker color. If you saturate the color by 10%, you get **5AAF60**, and if you desaturate by 10%, it is **7DAF80**.

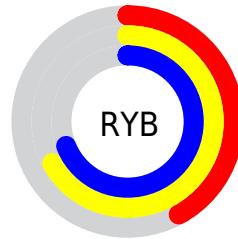
# Distribution



Red (42%)

Green (69%)

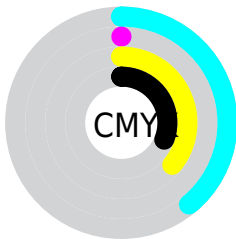
Blue (44%)



Red (42%)

Yellow (67%)

Blue (69%)

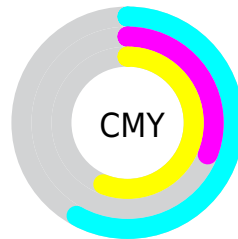


Cyan (39%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BAF70 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 6BAF70 by changing the saturation by 10% instead.





6BAF70



6BAF70

FFFFFF



519457



A1E7A4



367A3F



BDFFC0



1A6128



D9FFDC



004812



F6FFF8



003100



001C00



000000



6BAF70



6BAF70



5AAF60



7DAF80

■ 48AF50

■ 8EAF90

■ 36AF3F

■ A0AFA1

■ 25AF2F

■ B1AFB1

■ 14AF1F

■ C3AFC1

■ 02AF0F

■ D4AFD1

■ 00AF0D

■ E6AFE1

■ F7AFF2

■ FFAFFF

# Harmonies

## Analogous

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



99A756



6BAF70



27B396

# Triad

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



6BAF70



4DA6EC



E98283

# Complementary

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



6BAF70



AF6BAA

# 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.



E481AA



6BAF70



9699E7

# Square

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



6BAF70



00AFDD



C88ACE



DB8D62

# Rectangle

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



6BAF70



00B4B0



C88ACE



EA808F



# Sweetspot

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



6BAF70



C8E3CA



AAAF6B



637364



F2F2F2



737373



# Same Dimension

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



6BAF70



78E380



6BAF92



4E574F



00960B



001702



# Inverse Universe

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



AF6BAA



E378DB



AF6B88



574E56



96008B



170015



# Previews

## White Background



This preview shows how the Hex color 6BAF70 looks on a white background.

## Color Contrast Check

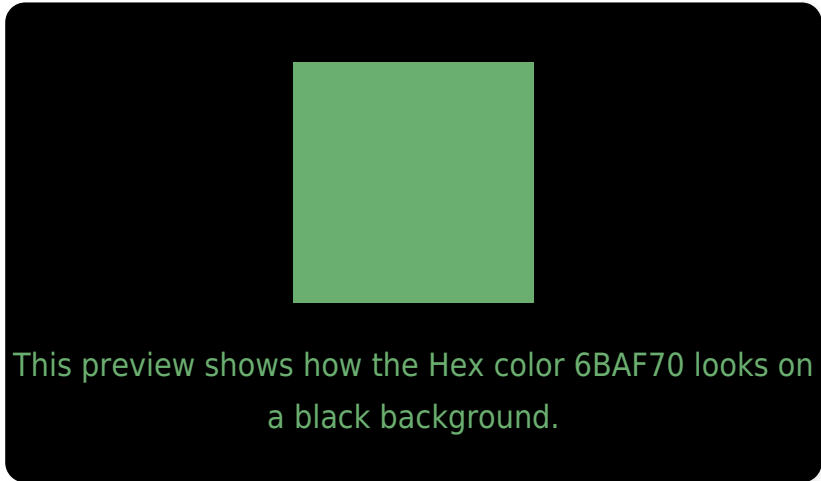
Large Text (above 18pt) WCAG AA × Fail

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 6BAF70 Background



This preview shows how black text looks on a background with the Hex color 6BAF70.

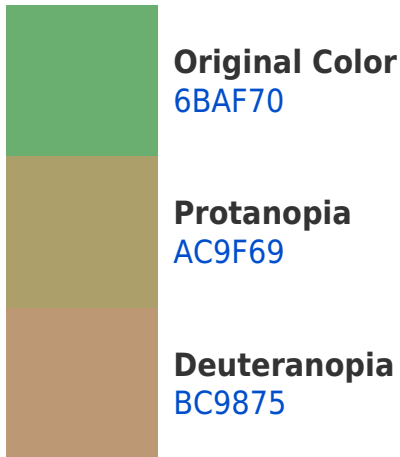


This preview shows how white text looks on a background with the Hex color 6BAF70.

# 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](#).

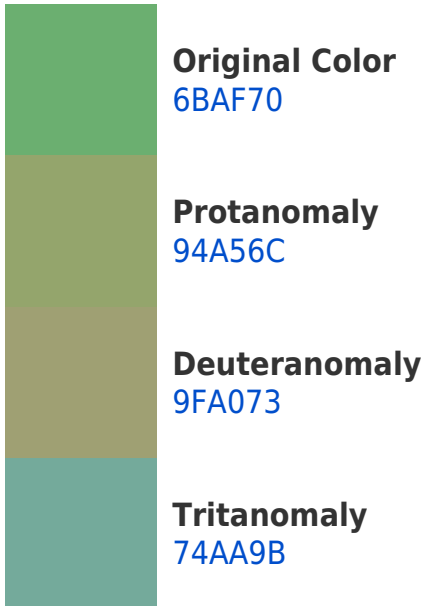
## Dichromacy



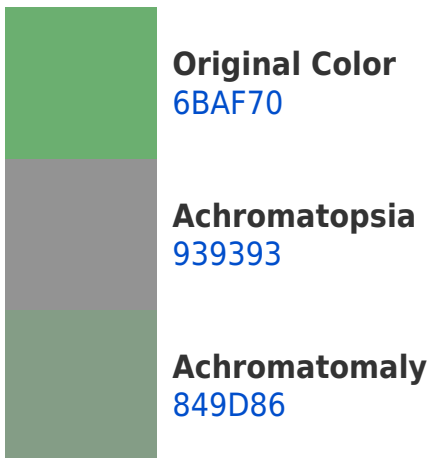


**Tritanopia**  
79A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BAF70 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 #6BAF70 looks like.

```
.text, #text, p{  
    color:#6BAF70  
}
```

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 #6BAF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAF70
}
```

## Border

The CSS property to change the border of an element to Hex 6BAF70 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
#6BAF70 }
```

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

```
.border{ border-color:#6BAF70 }
```

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

Here you see how a box with a 4 pixel #6BAF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAF70; -webkit-box-shadow:4px 4px  
4px 4px #6BAF70; box-shadow:4px 4px 4px  
4px #6BAF70 }
```

# Background

The CSS property to change the background color of an element to Hex 6BAF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAF70 }
```

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

```
.background{ background-color:#6BAF70 }
```

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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