

# Converting Colors

Hex(6BA370)

Have a look what the booklet for  
Hex(6BA370) contains.

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**Color**

**Hex(6BA370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA370
RGB	107, 163, 112
RGB Percent	42%, 64%, 44%
CMY	0.5804, 0.3608, 0.5608
CMYK	0.34, 0.00, 0.31, 0.36
HSL	125°, 23%, 53%
HSV	125°, 34%, 64%
XYZ	22.0852, 30.4900, 20.0504
YIQ	140.4420, -17.0050, -27.7330

# Conversions

## Conversions Part 2

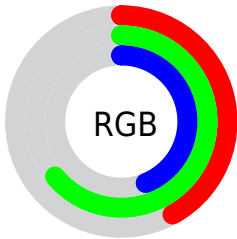
Format	Color
<a href="#">RYB</a>	<a href="#">107, 158, 163</a>
Decimal	<a href="#">7054192</a>
CIELab	<a href="#">62.07, -29.14, 20.83</a>
CIElCh	<a href="#">62, 35.816, 144.444</a>
Yxy	<a href="#">30.4900, 0.3041, 0.4198</a>
Android (android.graphics.Color)	<a href="#">4285244272 (0xFF6BA370)</a>
YUV	<a href="#">140.4420, -14.0219, -29.3286</a>
Hunter-Lab	<a href="#">55.2178, -25.2372, 17.1234</a>

# Details

The Hex color **6BA370** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36B9E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A0DAA4**, and **386F40** is the 20% darker color. If you saturate the color by 10%, you get **5BA361**, and if you desaturate by 10%, it is **7BA37F**.

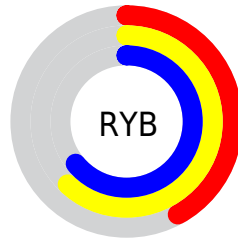
# Distribution



Red (42%)

Green (64%)

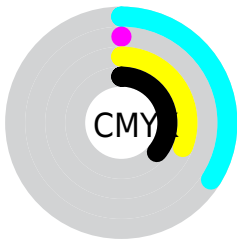
Blue (44%)



Red (42%)

Yellow (62%)

Blue (64%)

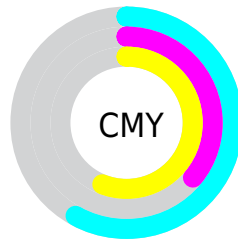


Cyan (34%)

Magenta (0%)

Yellow (31%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA370 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 6BA370 by changing the saturation by 10% instead.





6BA370



6BA370

FFFFFF



518957



A0DAA4



386F40



BCF7BF



1F5629



D8FFDB



003E14



F5FFF8



002800



000E00



000000



6BA370



6BA370



5BA361



7BA37F

 4AA352

 8CA38E

 3AA343

 9CA39D

 2AA335

 ACA3AB

 1AA326

 BCA3BA

 09A317

 CDA3C9

 00A30F

 DDA3D8

 EDA3E7

 FEA3F6

# Harmonies

## Analogous

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



909C5B



6BA370



3FA78F

# Triad

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



6BA370



5C9BD5



D37F7D

# Complementary

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



6BA370



A36B9E

# 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.



CF7E9D



6BA370



9190D0

# Square

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



6BA370



17A3C9



B885BB



C88763

# Rectangle

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



6BA370



16A7A5



B885BB



D47D88



# Sweetspot

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



6BA370



BED4C0



9EA36B



5E6B5F



EBEBEB



6B6B6B



# Same Dimension

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



6BA370



7DD485



6BA38C



49524A



00910D



001202



# Inverse Universe

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



A36B9E



D47DCC



A36B82



524951



910084



120010



# Previews

## White Background



This preview shows how the Hex color 6BA370 looks on a white background.

## Color Contrast Check

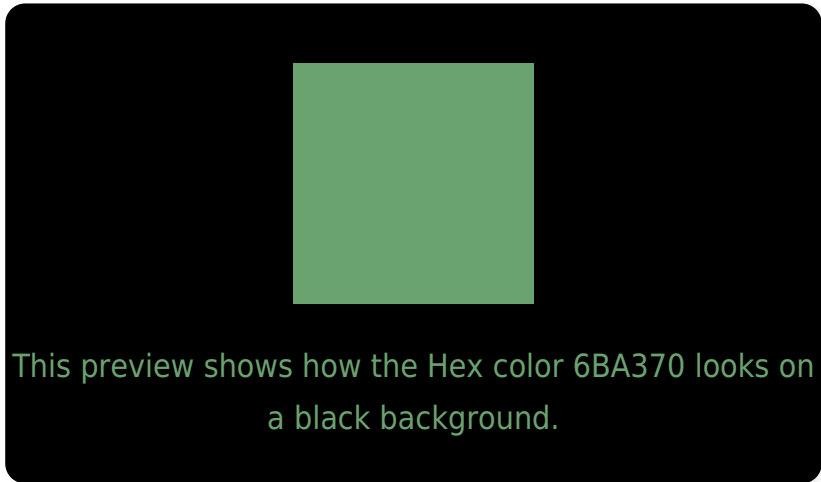
Large Text (above 18pt) WCAG AA × Fail

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 6BA370 Background



This preview shows how black text looks on a background with the Hex color 6BA370.

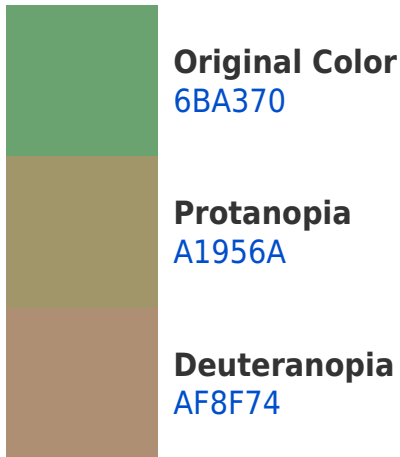


This preview shows how white text looks on a background with the Hex color 6BA370.

# 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](#).

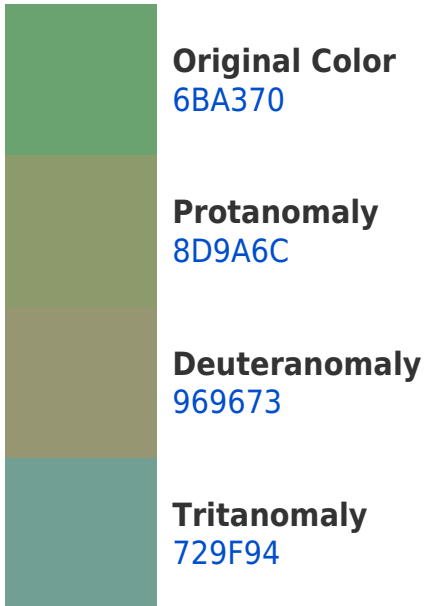
## Dichromacy



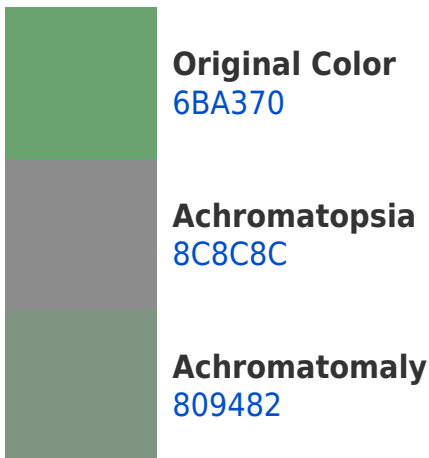


**Tritanopia**  
769CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA370 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 #6BA370 looks like.

```
.text, #text, p{  
    color:#6BA370  
}
```

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 #6BA370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA370
}
```

## Border

The CSS property to change the border of an element to Hex 6BA370 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
#6BA370 }
```

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

```
.border{ border-color:#6BA370 }
```

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

Here you see how a box with a 4 pixel #6BA370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA370; -webkit-box-shadow:4px 4px  
4px 4px #6BA370; box-shadow:4px 4px 4px  
4px #6BA370 }
```

# Background

The CSS property to change the background color of an element to Hex 6BA370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA370 }
```

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

```
.background{ background-color:#6BA370 }
```

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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