

# Converting Colors

Hex(6BA07E)

Have a look what the booklet for  
Hex(6BA07E) contains.

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**Color**

**Hex(6BA07E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BA07E
RGB	107, 160, 126
RGB Percent	42%, 63%, 49%
CMY	0.5804, 0.3725, 0.5059
CMYK	0.33, 0.00, 0.21, 0.37
HSL	142°, 22%, 52%
HSV	142°, 33%, 63%
XYZ	22.4001, 29.7738, 24.3050
YIQ	140.2770, -20.6740, -21.8100

# Conversions

## Conversions Part 2

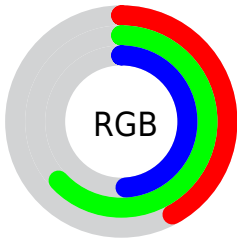
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 146, 160
Decimal	7053438
CIELab	61.46, -25.03, 12.23
CIELCh	61, 27.855, 153.964
Yxy	29.7738, 0.2929, 0.3893
Android (android.graphics.Color)	4285243518 (0xFF6BA07E)
YUV	140.2770, -7.0386, -29.1839
Hunter-Lab	54.5653, -22.2117, 11.7863

# Details

The Hex color **6BA07E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06B8D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A0D7B3**, and **396C4D** is the 20% darker color. If you saturate the color by 10%, you get **5BA074**, and if you desaturate by 10%, it is **7BA088**.

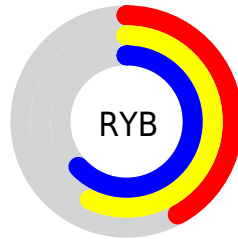
# Distribution



Red (42%)

Green (63%)

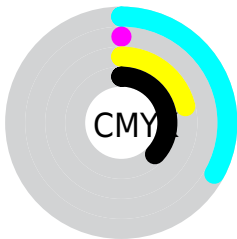
Blue (49%)



Red (42%)

Yellow (57%)

Blue (63%)

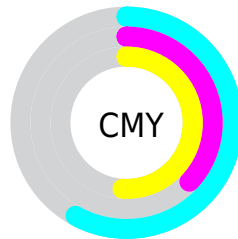


Cyan (33%)

Magenta (0%)

Yellow (21%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BA07E 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 6BA07E by changing the saturation by 10% instead.





6BA07E



6BA07E

FFFFFF



528665



A0D7B3



396C4D



BBF4CE



205436



D7FFEA



043C21



F4FFFF



00260B



000A00



000000



6BA07E



6BA07E



5BA074



7BA088

 4BA069

 8BA093

 3BA05F

 9BA09D

 2BA055

 ABA0A7

 1BA04B

 BBA0B1

 0BA040

 CBA0BC

 00A039

 DBA0C6

 EBA0D0

 FBA0DA

# Harmonies

## Analogous

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



889B6B



6BA07E



50A297

# Triad

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



6BA07E



7996C5



C4847A

# Complementary

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



6BA07E



A06B8D

# 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.



C48292



6BA07E



9C8DBD

# Square

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



6BA07E



559DC0



B785AA



B88C69

# Rectangle

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



6BA07E



45A2A8



B785AA



C68382



# Sweetspot

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



6BA07E



BCD1C4



8DA06B



5C6961



E8E8E8



696969



# Same Dimension

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



6BA07E



7DD19B



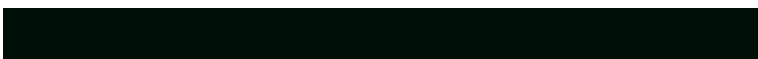
6BA098



474F4A



008F33



000F05



# Inverse Universe

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



A06B8D



D17DB3



A06B73



4F474C



8F005C



0F000A



# Previews

## White Background



This preview shows how the Hex color 6BA07E looks on a white background.

## Color Contrast Check

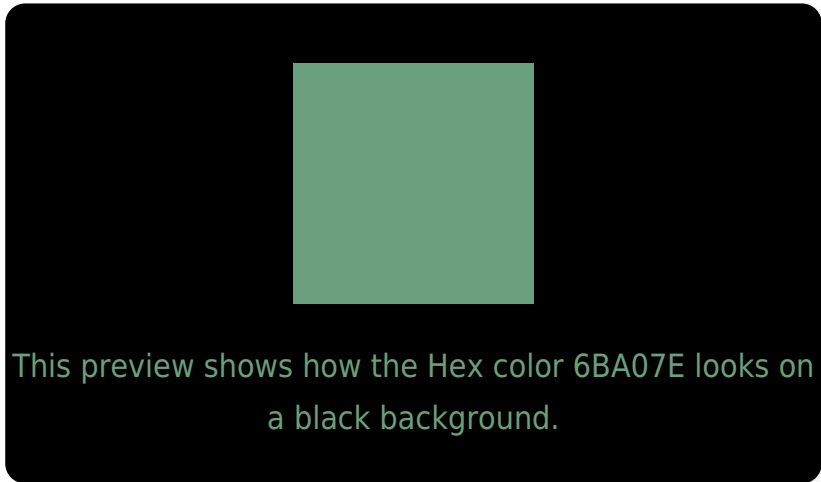
Large Text (above 18pt) WCAG AA ✓ Pass

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

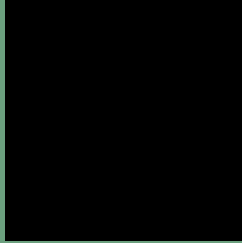
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6BA07E Background



This preview shows how black text looks on a background with the Hex color 6BA07E.



This preview shows how white text looks on a background with the Hex color 6BA07E.

# 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**  
739AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BA07E 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 #6BA07E looks like.

```
.text, #text, p{  
    color:#6BA07E  
}
```

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 #6BA07E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA07E
}
```

## Border

The CSS property to change the border of an element to Hex 6BA07E 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
#6BA07E }
```

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

```
.border{ border-color:#6BA07E }
```

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

Here you see how a box with a 4 pixel #6BA07E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA07E; -webkit-box-shadow:4px 4px  
4px 4px #6BA07E; box-shadow:4px 4px 4px  
4px #6BA07E }
```

# Background

The CSS property to change the background color of an element to Hex 6BA07E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA07E }
```

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

```
.background{ background-color:#6BA07E }
```

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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