

# Converting Colors

Hex(6AB47F)

Have a look what the booklet for  
Hex(6AB47F) contains.

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# **Color**

**Hex(6AB47F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AB47F
RGB	106, 180, 127
RGB Percent	42%, 71%, 50%
CMY	0.5843, 0.2941, 0.5020
CMYK	0.41, 0.00, 0.29, 0.29
HSL	137°, 33%, 56%
HSV	137°, 41%, 71%
XYZ	26.0959, 37.2390, 25.8911
YIQ	151.8320, -27.0910, -32.1710

# Conversions

## Conversions Part 2

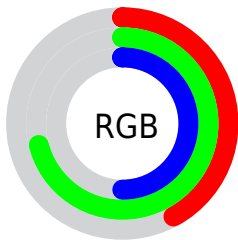
Format	Color
<a href="#">RYB</a>	<a href="#">106, 164, 180</a>
Decimal	<a href="#">6993023</a>
CIELab	<a href="#">67.46, -34.75, 19.98</a>
CIElCh	<a href="#">67, 40.086, 150.099</a>
Yxy	<a href="#">37.2390, 0.2925, 0.4174</a>
Android (android.graphics.Color)	<a href="#">4285183103 (0xFF6AB47F)</a>
YUV	<a href="#">151.8320, -12.2422, -40.1947</a>
Hunter-Lab	<a href="#">61.0238, -30.4588, 17.5611</a>

# Details

The Hex color **6AB47F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B46A9F**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A0ECB4**, and **357F4E** is the 20% darker color. If you saturate the color by 10%, you get **58B472**, and if you desaturate by 10%, it is **7CB48C**.

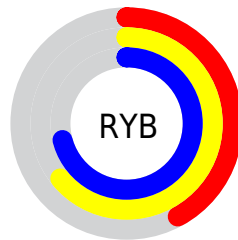
# Distribution



Red (42%)

Green (71%)

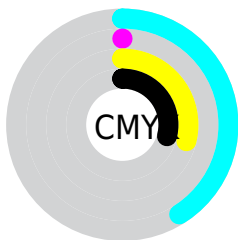
Blue (50%)



Red (42%)

Yellow (64%)

Blue (71%)

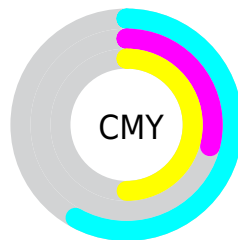


Cyan (41%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (58%)

Magenta (29%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB47F 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 6AB47F by changing the saturation by 10% instead.





6AB47F



6AB47F

FFFFFF



4F9966



A0ECB4



357F4E



BCFFD0



176536



D9FFEC



004D20



F6FFFF



00350A



002100



000000



6AB47F



6AB47F



58B472



7CB48C

 46B465

 8EB499

 34B458

 A0B4A6

 22B44B

 B2B4B3

 10B43F

 C4B4BF

 00B433

 D6B4CC

 E8B4D9

 FAB4E6

 FFB4F3

# Harmonies

## Analogous

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



96AD64



6AB47F



30B7A3

# Triad

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



6AB47F



6DA8EC



E88B82

# Complementary

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



6AB47F



B46A9F

# 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.



E788A6



6AB47F



A89BE3

# Square

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



6AB47F



14B1E2



D28EC9



D89566

# Rectangle

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



6AB47F



00B7BC



D28EC9



EA898D



# Sweetspot

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



6AB47F



CEEBD6



9FB46A



65756A



F5F5F5



757575



# Same Dimension

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



6AB47F



78EB98



6AB4A4



505953



00992B



001A07



# Inverse Universe

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



B46A9F



EB78CA



B46A7A



595057



99006E



1A0012



# Previews

## White Background



This preview shows how the Hex color 6AB47F 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



This preview shows how the Hex color 6AB47F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

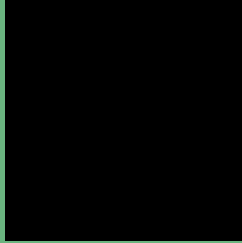
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AB47F Background



This preview shows how black text looks on a background with the Hex color 6AB47F.



This preview shows how white text looks on a background with the Hex color 6AB47F.

# 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**  
6AB47F

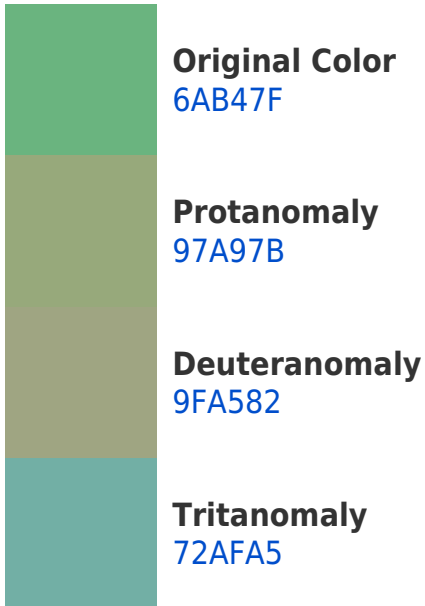
**Protanopia**  
B0A378

**Deuteranopia**  
BE9D84

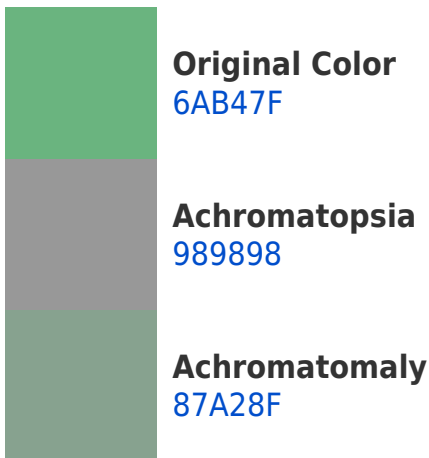


**Tritanopia**  
77ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB47F 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 #6AB47F looks like.

```
.text, #text, p{  
    color:#6AB47F  
}
```

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 #6AB47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB47F
}
```

## Border

The CSS property to change the border of an element to Hex 6AB47F 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
#6AB47F }
```

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

```
.border{ border-color:#6AB47F }
```

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

Here you see how a box with a 4 pixel #6AB47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB47F; -webkit-box-shadow:4px 4px  
4px 4px #6AB47F; box-shadow:4px 4px 4px  
4px #6AB47F }
```

# Background

The CSS property to change the background color of an element to Hex 6AB47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB47F }
```

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

```
.background{ background-color:#6AB47F }
```

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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