

Converting Colors

Hex(6AB47C)

Have a look what the booklet for
Hex(6AB47C) contains.

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Color

Hex(6AB47C)

Conversions

Conversions Part 1

Format	Color
Hex	6AB47C
RGB	106, 180, 124
RGB Percent	42%, 71%, 49%
CMY	0.5843, 0.2941, 0.5137
CMYK	0.41, 0.00, 0.31, 0.29
HSL	135°, 33%, 56%
HSV	135°, 41%, 71%
XYZ	25.9032, 37.1619, 24.8765
YIQ	151.4900, -26.1280, -33.1040

Conversions

Conversions Part 2

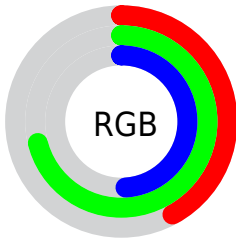
Format	Color
RYB	106, 166, 180
Decimal	6993020
CIELab	67.40, -35.30, 21.52
CIELCh	67, 41.348, 148.630
Yxy	37.1619, 0.2945, 0.4226
Android (android.graphics.Color)	4285183100 (0xFF6AB47C)
YUV	151.4900, -13.5526, -39.8947
Hunter-Lab	60.9606, -30.8333, 18.4776

Details

The Hex color **6AB47C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B46AA2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A0ECB1**, and **357F4B** is the 20% darker color. If you saturate the color by 10%, you get **58B46E**, and if you desaturate by 10%, it is **7CB48A**.

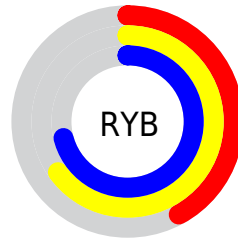
Distribution



Red (42%)

Green (71%)

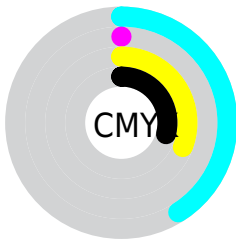
Blue (49%)



Red (42%)

Yellow (65%)

Blue (71%)

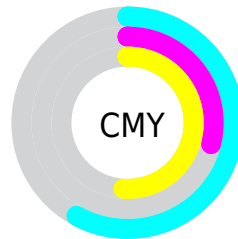


Cyan (41%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (58%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB47C 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 6AB47C by changing the saturation by 10% instead.

 6AB47C

 6AB47C

FFFFFF

 4F9963

 A0ECB1

 357F4B

 BCFFCC

 176534

 D9FFE9

 004D1D

 F6FFFF

 003506

 002100

 000000

 6AB47C

 6AB47C

 58B46E

 7CB48A

 46B461

 8EB497

 34B453

 A0B4A5

 22B446

 B2B4B2

 10B438

 C4B4C0

 00B42C

 D6B4CE

 E8B4DB

 FAB4E9

 FFB4F7

Harmonies

Analogous

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



97AD61



6AB47C



2BB7A1

Triad

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



6AB47C



66A8EE



EB8982

Complementary

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



6AB47C



B46AA2

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.



E886A7



6AB47C



A59BE6

Square

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



6AB47C



00B2E3



D18ECB



DB9465

Rectangle

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



6AB47C



00B8BB



D18ECB



EC878E

Sweetspot

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



6AB47C



CEEBD5



A3B46A



657569



F5F5F5



757575

Same Dimension

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



6AB47C



78EB94



6AB4A0



505952



009925



001A06

Inverse Universe

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



B46AA2



EB78CF



B46A7E



595057



990074



1A0013

Previews

White Background



This preview shows how the Hex color 6AB47C looks on a white background.

Color Contrast Check

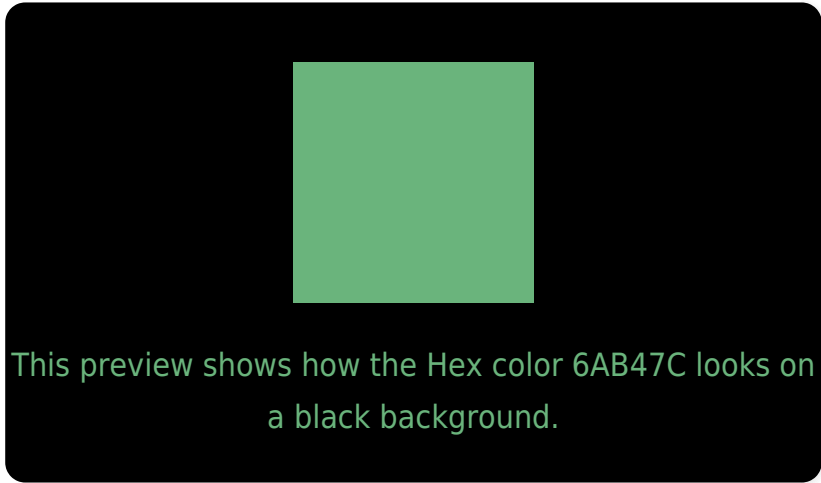
Large Text (above 18pt) WCAG AA × Fail

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

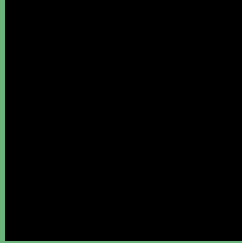
Any Text WCAG AA ✓ Pass

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 6AB47C Background



This preview shows how black text looks on a background with the Hex color 6AB47C.

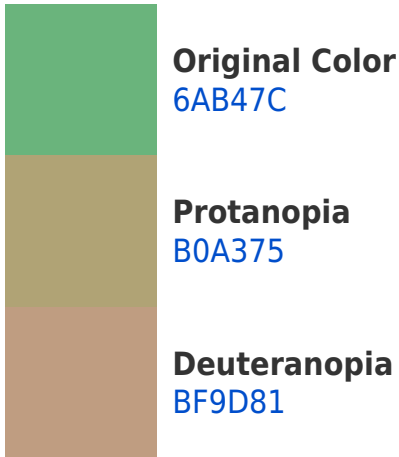


This preview shows how white text looks on a background with the Hex color 6AB47C.

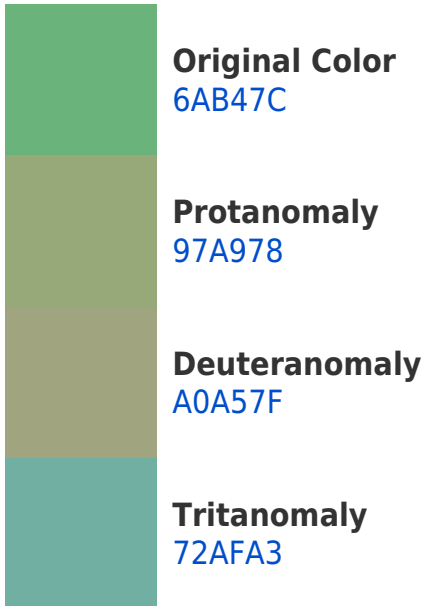
Color Blindness Simulation

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](#).

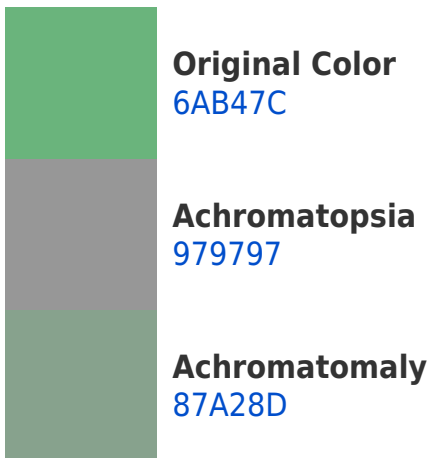
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB47C 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 #6AB47C looks like.

```
.text, #text, p{  
    color:#6AB47C  
}
```

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 #6AB47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB47C
}
```

Border

The CSS property to change the border of an element to Hex 6AB47C 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
#6AB47C }
```

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

```
.border{ border-color:#6AB47C }
```

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

Here you see how a box with a 4 pixel #6AB47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB47C; -webkit-box-shadow:4px 4px  
4px 4px #6AB47C; box-shadow:4px 4px 4px  
4px #6AB47C }
```

Background

The CSS property to change the background color of an element to Hex 6AB47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB47C }
```

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

```
.background{ background-color:#6AB47C }
```

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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