

Converting Colors

Hex(6CAB78)

Have a look what the booklet for
Hex(6CAB78) contains.

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Color

Hex(6CAB78)

Conversions

Conversions Part 1

Format	Color
Hex	6CAB78
RGB	108, 171, 120
RGB Percent	42%, 67%, 47%
CMY	0.5765, 0.3294, 0.5294
CMYK	0.37, 0.00, 0.30, 0.33
HSL	131°, 27%, 55%
HSV	131°, 37%, 67%
XYZ	24.1374, 33.6700, 22.9961
YIQ	146.3490, -21.1770, -29.2170

Conversions

Conversions Part 2

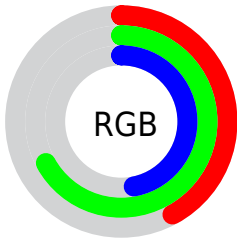
Format	Color
RYB	108, 161, 171
Decimal	7121784
CIELab	64.70, -31.21, 20.03
CIELCh	65, 37.088, 147.306
Yxy	33.6700, 0.2987, 0.4167
Android (android.graphics.Color)	4285311864 (0xFF6CAB78)
YUV	146.3490, -12.9901, -33.6321
Hunter-Lab	58.0259, -27.2935, 17.1210

Details

The Hex color **6CAB78** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB6C9F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A2E3AD**, and **387647** is the 20% darker color. If you saturate the color by 10%, you get **5BAB6A**, and if you desaturate by 10%, it is **7DAB86**.

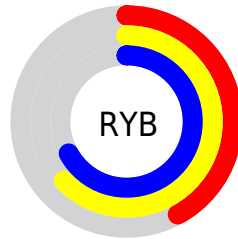
Distribution



Red (42%)

Green (67%)

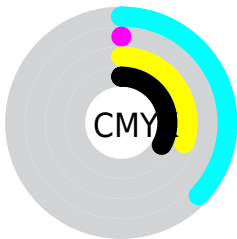
Blue (47%)



Red (42%)

Yellow (63%)

Blue (67%)

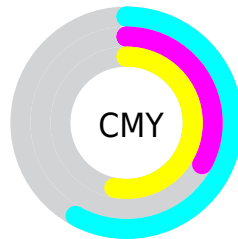


Cyan (37%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CAB78 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 6CAB78 by changing the saturation by 10% instead.



6CAB78



6CAB78

FFFFFF



52905F



A2E3AD



387647



BDFFC8



1E5D30



DAFFE4



00451A



F7FFFF



002E02



001900



000000



6CAB78



6CAB78



5BAB6A



7DAB86

 4AAB5C

 8EAB94

 39AB4E

 9FABA2

 28AB41

 B0ABAF

 17AB33

 C1ABBD

 05AB25

 D3ABCB

 00AB21

 E4ABD9

 F5ABE7

 FFABF5

Harmonies

Analogous

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



93A461



6CAB78



3DAE99

Triad

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



6CAB78



66A1DF



DD8580

Complementary

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



6CAB78



AB6C9F

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.



DA83A1



6CAB78



9C95D8

Square

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



6CAB78



21AAD4



C48AC1



CF8E66

Rectangle

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



6CAB78



0DAFB0



C48AC1



DE838B

Sweetspot

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



6CAB78



C5DECA



9FAB6C



627064



F0F0F0



707070

Same Dimension

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



6CAB78



7CDE8F



6CAB97



4E5750



00961D



001704

Inverse Universe

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



AB6C9F



DE7CCB



AB6C80



574E55



96007A



170013

Previews

White Background



This preview shows how the Hex color 6CAB78 looks on a white background.

Color Contrast Check

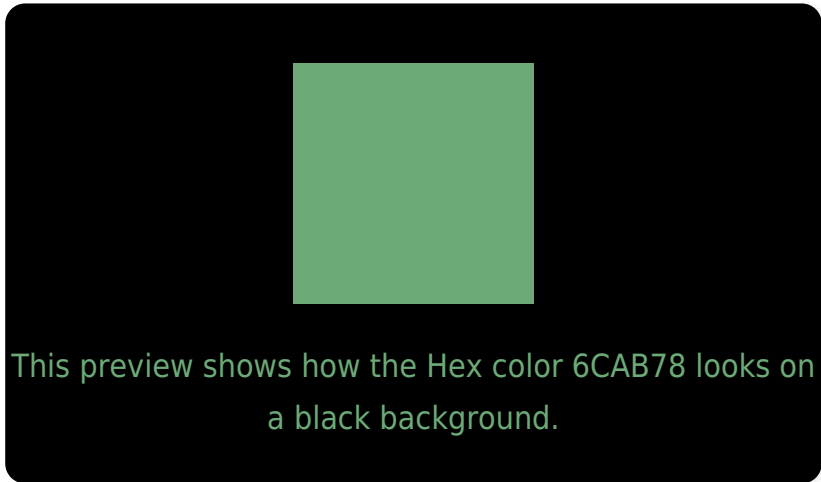
Large Text (above 18pt) WCAG AA × Fail

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

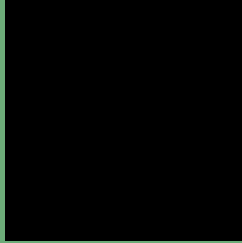
Any Text WCAG AA ✓ Pass

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 6CAB78 Background



This preview shows how black text looks on a background with the Hex color 6CAB78.

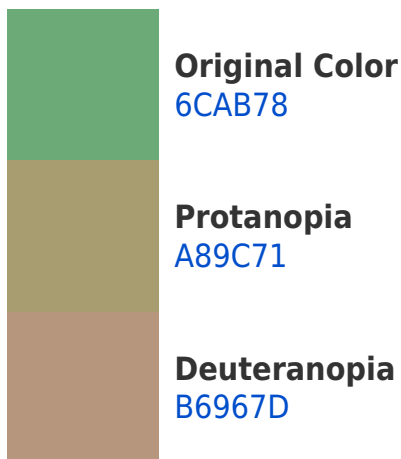


This preview shows how white text looks on a background with the Hex color 6CAB78.

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](#).

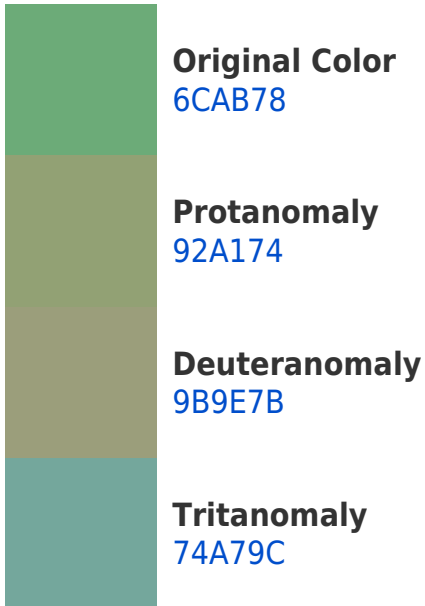
Dichromacy



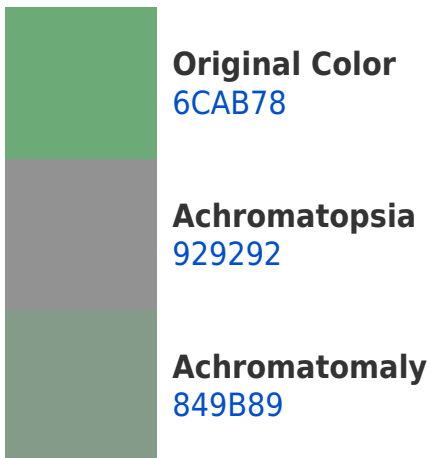


Tritanopia
78A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CAB78 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 #6CAB78 looks like.

```
.text, #text, p{  
    color:#6CAB78  
}
```

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 #6CAB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAB78
}
```

Border

The CSS property to change the border of an element to Hex 6CAB78 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
#6CAB78 }
```

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

```
.border{ border-color:#6CAB78 }
```

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

Here you see how a box with a 4 pixel #6CAB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAB78; -webkit-box-shadow:4px 4px  
4px 4px #6CAB78; box-shadow:4px 4px 4px  
4px #6CAB78 }
```

Background

The CSS property to change the background color of an element to Hex 6CAB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAB78 }
```

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

```
.background{ background-color:#6CAB78 }
```

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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