

Converting Colors

Hex(6AB96C)

Have a look what the booklet for
Hex(6AB96C) contains.

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Color

Hex(6AB96C)

Conversions

Conversions Part 1

Format	Color
Hex	6AB96C
RGB	106, 185, 108
RGB Percent	42%, 73%, 42%
CMY	0.5843, 0.2745, 0.5765
CMYK	0.43, 0.00, 0.42, 0.27
HSL	122°, 36%, 57%
HSV	122°, 43%, 73%
XYZ	25.9996, 38.8448, 20.3148
YIQ	152.6010, -22.3670, -40.6950

Conversions

Conversions Part 2

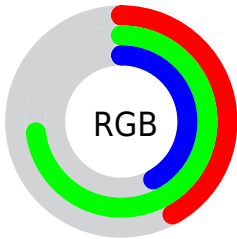
Format	Color
RYB	106, 183, 185
Decimal	6994284
CIELab	68.64, -40.25, 31.65
CIELCh	69, 51.200, 141.823
Yxy	38.8448, 0.3053, 0.4561
Android (android.graphics.Color)	4285184364 (0xFF6AB96C)
YUV	152.6010, -21.9883, -40.8691
Hunter-Lab	62.3256, -34.6072, 24.3025

Details

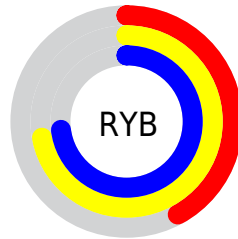
The Hex color **6AB96C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B96AB7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A1F2A0**, and **33833B** is the 20% darker color. If you saturate the color by 10%, you get **58B95A**, and if you desaturate by 10%, it is **7DB97E**.

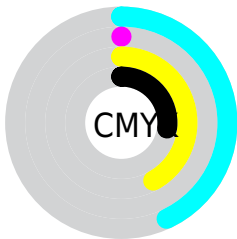
Distribution



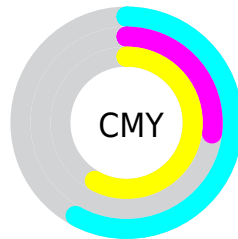
- Red (42%)
- Green (73%)
- Blue (42%)



- Red (42%)
- Yellow (72%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB96C 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 6AB96C by changing the saturation by 10% instead.

 6AB96C

 6AB96C

FFFFFF

 4F9E53

 A1F2A0

 33833B

 BDFEBC

 126923

 DAFFD8

 00510B

 F7FFF4

 003900

 002400

 000000

 6AB96C

 6AB96C

 58B95A

 7DB97E

 45B948

 8FB990

 33B936

 A2B9A2

 20B924

 B4B9B4

 0DB912

 C6B9C6

 00B905

 D9B9D8

 ECB9EA

 FEB9FC

 FFB9FF

Harmonies

Analogous

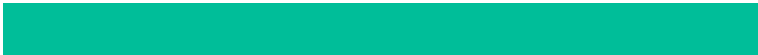
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1AF4E



6AB96C



00BE99

Triad

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



6AB96C



1FB0FF



FE8288

Complementary

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



6AB96C



B96AB7

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.



F781B6



6AB96C



96A0FD

Square

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



6AB96C



00BAEF



D48EE1



EE8F60

Rectangle

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



6AB96C



00BFB9



D48EE1



FE8097

Sweetspot

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



6AB96C



D1F0D1



B8B96A



657865



F7F7F7



787878

Same Dimension

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



6AB96C



75F079



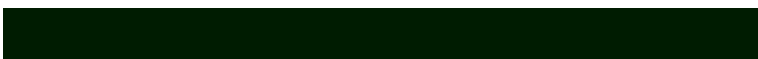
6AB993



535C53



009C04



001C01

Inverse Universe

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



B96AB7



F075ED



B96A90



5C535C



9C0098



1C001B

Previews

White Background



This preview shows how the Hex color 6AB96C looks on a white background.

Color Contrast Check

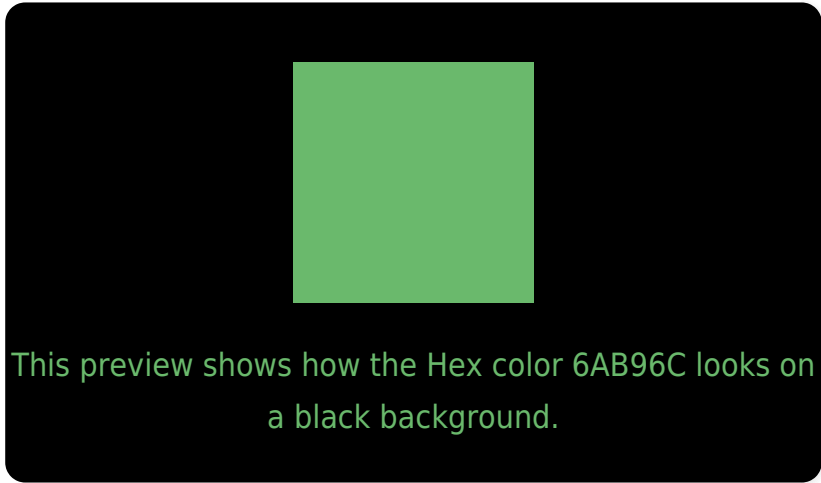
Large Text (above 18pt) WCAG AA × Fail

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

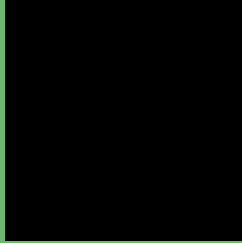
Any Text WCAG AA ✓ Pass

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 6AB96C Background



This preview shows how black text looks on a background with the Hex color 6AB96C.



This preview shows how white text looks on a background with the Hex color 6AB96C.

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
6AB96C

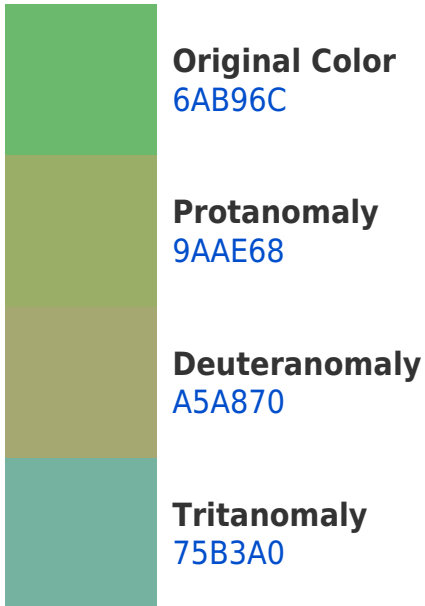
Protanopia
B6A765

Deuteranopia
C79F72

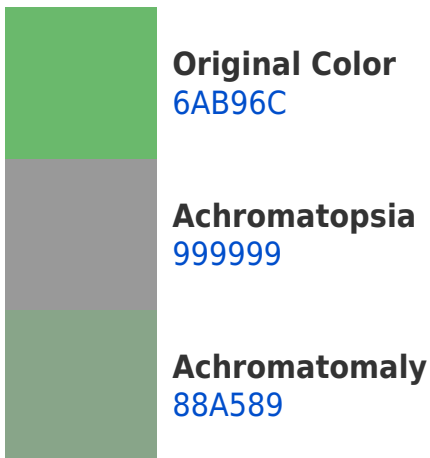


Tritanopia
7BAFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB96C 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 #6AB96C looks like.

```
.text, #text, p{  
    color:#6AB96C  
}
```

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 #6AB96C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB96C
}
```

Border

The CSS property to change the border of an element to Hex 6AB96C 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
#6AB96C }
```

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

```
.border{ border-color:#6AB96C }
```

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

Here you see how a box with a 4 pixel #6AB96C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB96C; -webkit-box-shadow:4px 4px  
4px 4px #6AB96C; box-shadow:4px 4px 4px  
4px #6AB96C }
```

Background

The CSS property to change the background color of an element to Hex 6AB96C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB96C }
```

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

```
.background{ background-color:#6AB96C }
```

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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