

Converting Colors

Hex(6BAC85)

Have a look what the booklet for
Hex(6BAC85) contains.

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Color

Hex(6BAC85)

Conversions

Conversions Part 1

Format	Color
Hex	6BAC85
RGB	107, 172, 133
RGB Percent	42%, 67%, 52%
CMY	0.5804, 0.3255, 0.4784
CMYK	0.38, 0.00, 0.23, 0.33
HSL	144°, 28%, 55%
HSV	144°, 38%, 67%
XYZ	25.0496, 34.3243, 27.4953
YIQ	148.1190, -26.2210, -25.9090

Conversions

Conversions Part 2

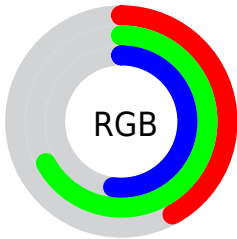
Format	Color
RYB	107, 153, 172
Decimal	7056517
CIELab	65.22, -29.51, 13.62
CIELCh	65, 32.503, 155.228
Yxy	34.3243, 0.2884, 0.3951
Android (android.graphics.Color)	4285246597 (0xFF6BAC85)
YUV	148.1190, -7.4537, -36.0614
Hunter-Lab	58.5869, -26.2073, 13.1856

Details

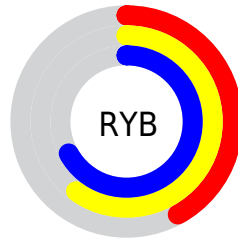
The Hex color **6BAC85** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC6B92**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A1E4BA**, and **377753** is the 20% darker color. If you saturate the color by 10%, you get **5AAC7B**, and if you desaturate by 10%, it is **7CAC8F**.

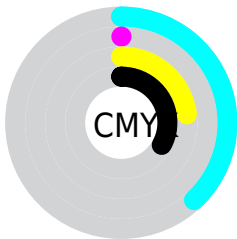
Distribution



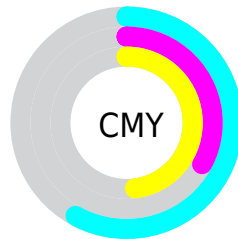
- Red (42%)
- Green (67%)
- Blue (52%)



- Red (42%)
- Yellow (60%)
- Blue (67%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAC85 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 6BAC85 by changing the saturation by 10% instead.



6BAC85



6BAC85

FFFFFF



51916C



A1E4BA



377753



BCFFD6



1C5E3C



D9FFF2



004626



F6FFFF



002F12



001B00



000000



6BAC85



6BAC85



5AAC7B



7CAC8F

 49AC70

 8DAC9A

 37AC66

 9FACA4

 26AC5C

 B0ACAE

 15AC51

 C1ACB9

 04AC47

 D2ACC3

 00AC45

 E3ACCD

 F5ACD8

 FFACE2

Harmonies

Analogous

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



8EA76E



6BAC85



48AEA3

Triad

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



6BAC85



7E9FD8



D58C7E

Complementary

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



6BAC85



AC6B92

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.



D7889A



6BAC85



A995CE

Square

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



6BAC85



50A8D2



C78CB7



C6946A

Rectangle

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



6BAC85



37AEB6



C78CB7



D78A87

Sweetspot

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



6BAC85



C8E0D2



92AC6B



627067



F0F0F0



707070

Same Dimension

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



6BAC85



7BE0A4



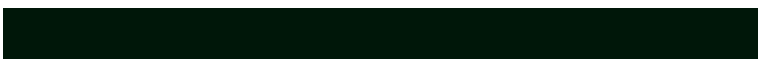
6BACA6



4E5751



00963C



001709

Inverse Universe

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



AC6B92



E07BB8



AC6B72



574E53



96005A



17000E

Previews

White Background



This preview shows how the Hex color 6BAC85 looks on a white background.

Color Contrast Check

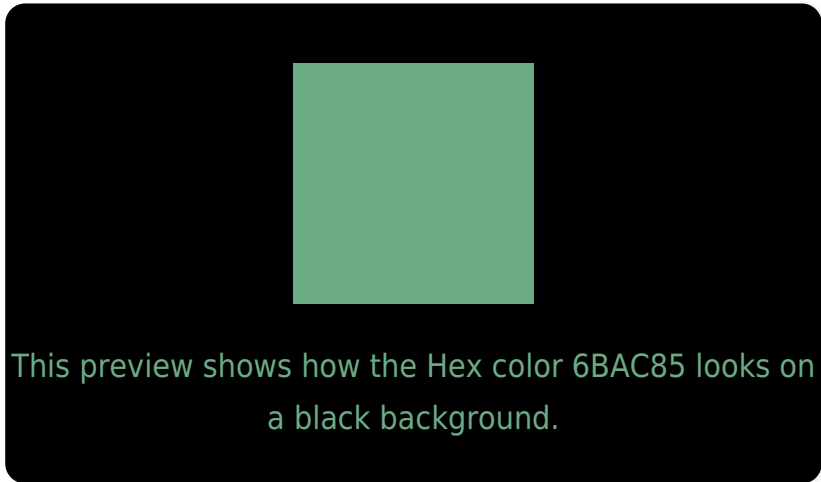
Large Text (above 18pt) WCAG AA × Fail

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

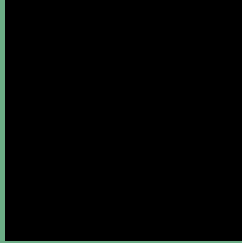
Any Text WCAG AA ✓ Pass

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 6BAC85 Background



This preview shows how black text looks on a background with the Hex color 6BAC85.

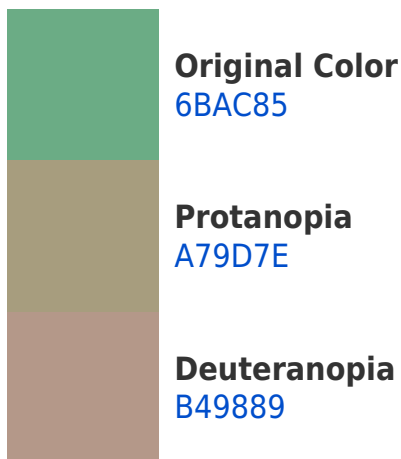


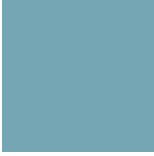
This preview shows how white text looks on a background with the Hex color 6BAC85.

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](#).

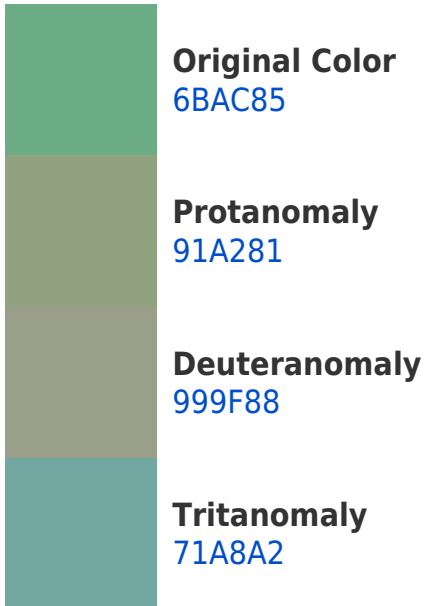
Dichromacy



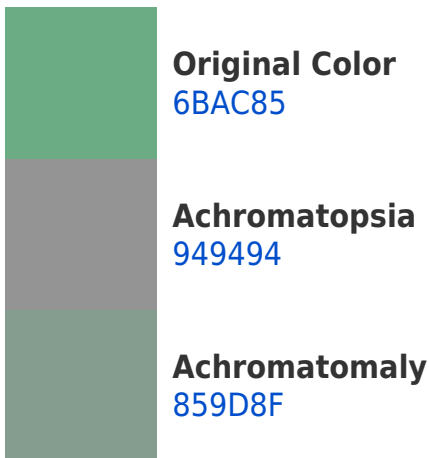


Tritanopia
75A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAC85 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 #6BAC85 looks like.

```
.text, #text, p{  
    color:#6BAC85  
}
```

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 #6BAC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAC85
}
```

Border

The CSS property to change the border of an element to Hex 6BAC85 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
#6BAC85 }
```

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

```
.border{ border-color:#6BAC85 }
```

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

Here you see how a box with a 4 pixel #6BAC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAC85; -webkit-box-shadow:4px 4px  
4px 4px #6BAC85; box-shadow:4px 4px 4px  
4px #6BAC85 }
```

Background

The CSS property to change the background color of an element to Hex 6BAC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAC85 }
```

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

```
.background{ background-color:#6BAC85 }
```

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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