

Converting Colors

Hex(6BAC73)

Have a look what the booklet for
Hex(6BAC73) contains.

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Color

Hex(6BAC73)

Conversions

Conversions Part 1

Format	Color
Hex	6BAC73
RGB	107, 172, 115
RGB Percent	42%, 67%, 45%
CMY	0.5804, 0.3255, 0.5490
CMYK	0.38, 0.00, 0.33, 0.33
HSL	127°, 28%, 55%
HSV	127°, 38%, 67%
XYZ	23.9104, 33.8687, 21.4967
YIQ	146.0670, -20.4430, -31.5070

Conversions

Conversions Part 2

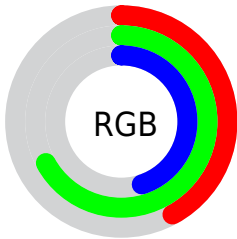
Format	Color
RYB	107, 165, 172
Decimal	7056499
CIELab	64.86, -32.89, 22.95
CIElCh	65, 40.108, 145.090
Yxy	33.8687, 0.3016, 0.4272
Android (android.graphics.Color)	4285246579 (0xFF6BAC73)
YUV	146.0670, -15.3160, -34.2618
Hunter-Lab	58.1968, -28.5067, 18.8372

Details

The Hex color **6BAC73** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC6BA4**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A1E4A7**, and **377742** is the 20% darker color. If you saturate the color by 10%, you get **5AAC64**, and if you desaturate by 10%, it is **7CAC82**.

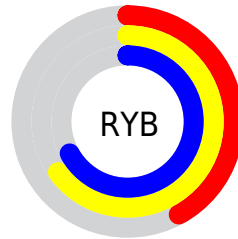
Distribution



Red (42%)

Green (67%)

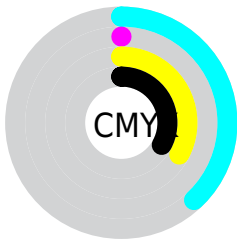
Blue (45%)



Red (42%)

Yellow (65%)

Blue (67%)

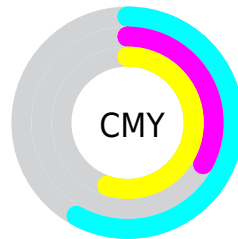


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAC73 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 6BAC73 by changing the saturation by 10% instead.



6BAC73



6BAC73

FFFFFF



51915A



A1E4A7



377742



BDFFC3



1C5E2B



D9FFDF



004615



F6FFFB



002F00



001A00



000000



6BAC73



6BAC73



5AAC64



7CAC82

 49AC55

 8DAC91

 37AC46

 9FACA0

 26AC37

 B0ACAF

 15AC28

 C1ACBE

 04AC19

 D2ACCD

 00AC15

 E3ACDD

 F5ACEC

 FFACFB

Harmonies

Analogous

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



96A45B



6BAC73



33B096

Triad

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



6BAC73



59A3E4



E28381

Complementary

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



6BAC73



AC6BA4

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.



DD81A5



6BAC73



9896DE

Square

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



6BAC73



00ACD7



C589C7



D48D64

Rectangle

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



6BAC73



00B0AF



C589C7



E3818C

Sweetspot

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



6BAC73



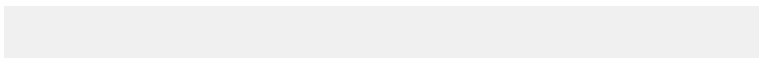
C8E0CB



A4AC6B



627063



F0F0F0



707070

Same Dimension

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



6BAC73



7BE088



6BAC93



4E574F



009613



001703

Inverse Universe

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



AC6BA4



E07BD4



AC6B84



574E56



960084



170014

Previews

White Background



This preview shows how the Hex color 6BAC73 looks on a white background.

Color Contrast Check

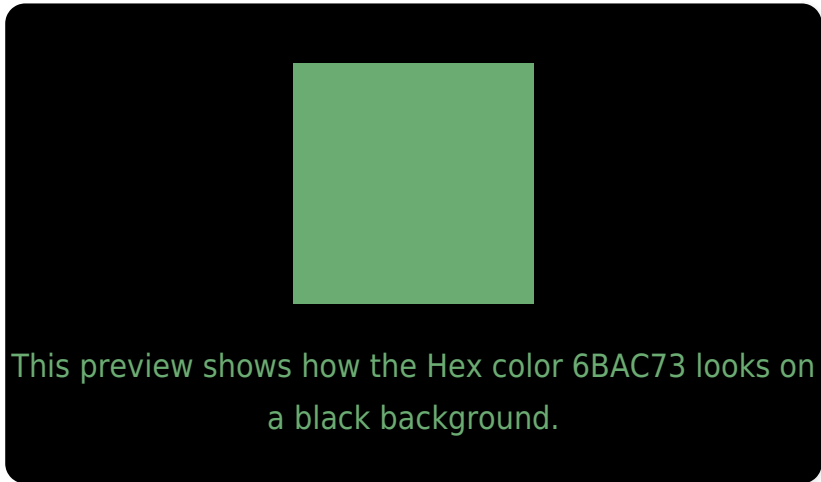
Large Text (above 18pt) WCAG AA × Fail

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

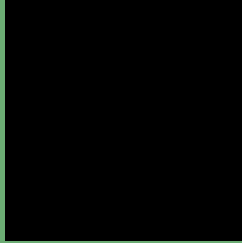
Any Text WCAG AA ✓ Pass

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 6BAC73 Background



This preview shows how black text looks on a background with the Hex color 6BAC73.

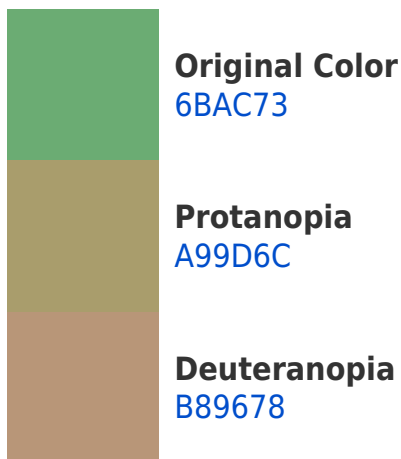


This preview shows how white text looks on a background with the Hex color 6BAC73.

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](#).

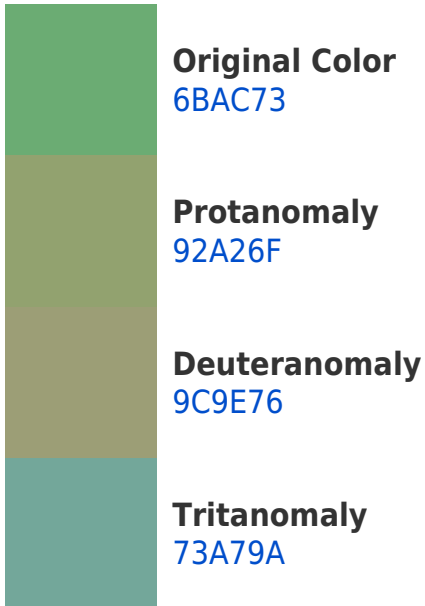
Dichromacy



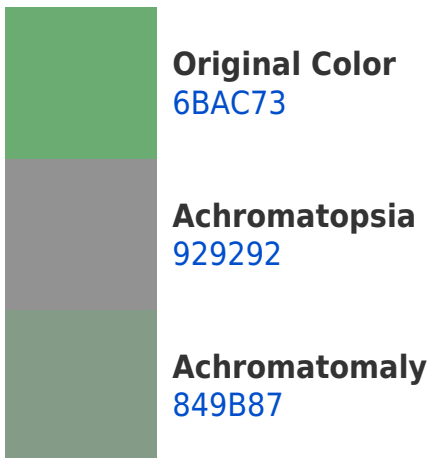


Tritanopia
78A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAC73 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 #6BAC73 looks like.

```
.text, #text, p{  
    color:#6BAC73  
}
```

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 #6BAC73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAC73  
}
```

Border

The CSS property to change the border of an element to Hex 6BAC73 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  
#6BAC73 }
```

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

```
.border{ border-color:#6BAC73 }
```

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

Here you see how a box with a 4 pixel #6BAC73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAC73; -webkit-box-shadow:4px 4px  
4px 4px #6BAC73; box-shadow:4px 4px 4px  
4px #6BAC73 }
```

Background

The CSS property to change the background color of an element to Hex 6BAC73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAC73 }
```

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

```
.background{ background-color:#6BAC73 }
```

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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