

Converting Colors

Hex(6BAD63)

Have a look what the booklet for
Hex(6BAD63) contains.

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Color

Hex(6BAD63)

Conversions

Conversions Part 1

Format	Color
Hex	6BAD63
RGB	107, 173, 99
RGB Percent	42%, 68%, 39%
CMY	0.5804, 0.3216, 0.6118
CMYK	0.38, 0.00, 0.43, 0.32
HSL	114°, 31%, 53%
HSV	114°, 43%, 68%
XYZ	23.2591, 33.9138, 17.1245
YIQ	144.8300, -15.5820, -37.0060

Conversions

Conversions Part 2

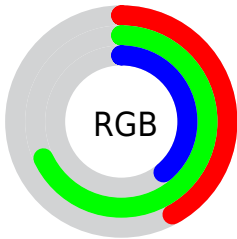
Format	Color
RYB	99, 173, 165
Decimal	7056739
CIELab	64.89, -35.94, 31.52
CIELCh	65, 47.799, 138.751
Yxy	33.9138, 0.3131, 0.4565
Android (android.graphics.Color)	4285246819 (0xFF6BAD63)
YUV	144.8300, -22.5942, -33.1769
Hunter-Lab	58.2355, -30.6198, 23.3303

Details

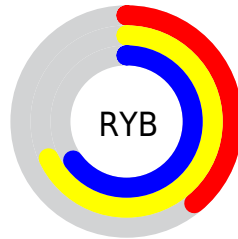
The Hex color **6BAD63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A563AD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A1E597**, and **367832** is the 20% darker color. If you saturate the color by 10%, you get **5CAD52**, and if you desaturate by 10%, it is **7AAD74**.

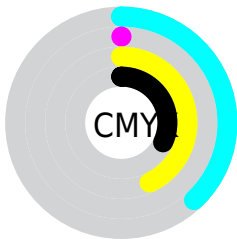
Distribution



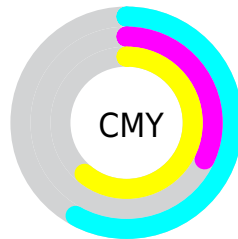
- Red (42%)
- Green (68%)
- Blue (39%)



- Red (39%)
- Yellow (68%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (43%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6BAD63 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 6BAD63 by changing the saturation by 10% instead.

 6BAD63

 6BAD63

FFFFFF

 51924A

 A1E597

 367832

 BDFFB2

 1A5F1B

 DAFFCE

 004702

 F7FFE4

 002F00

 001A00

 000000

 6BAD63

 6BAD63

 5CAD52

 7AAD74

 4CAD40

 8AAD86

 3DAD2F

 99AD97

 2DAD1E

 A9ADA8

 1EAD0D

 B8ADBA

 13AD00

 C8ADCB

 D7ADDC

 E6ADED

 F6ADFF

Harmonies

Analogous

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



9CA349



6BAD63



13B28B

Triad

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



6BAD63



08A7F1



EE7B84

Complementary

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



6BAD63



A563AD

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.



E57BAF



6BAD63



8699EE

Square

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



6BAD63



00B0DD



C288D6



E2865F

Rectangle

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



6BAD63



00B3A9



C288D6



EE7992

Sweetspot

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



6BAD63



C6E0C3



ADA463



60705E



F0F0F0



707070

Same Dimension

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



6BAD63



7AE06E



63AD7F



4F574E



109600



021700

Inverse Universe

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



A563AD



D46EE0



AD6391



564E57



860096



140017

Previews

White Background



This preview shows how the Hex color 6BAD63 looks on a white background.

Color Contrast Check

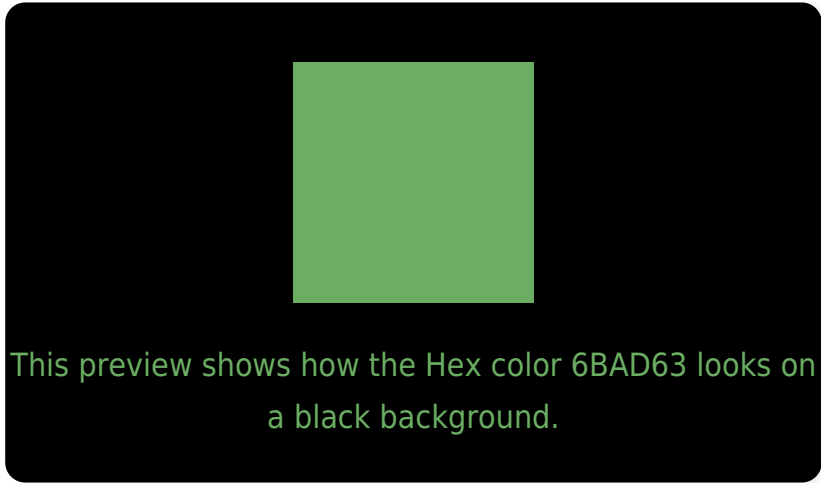
Large Text (above 18pt) WCAG AA × Fail

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 6BAD63 Background



This preview shows how black text looks on a background with the Hex color 6BAD63.

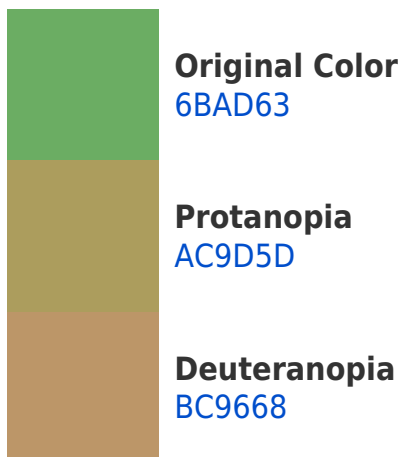


This preview shows how white text looks on a background with the Hex color 6BAD63.

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](#).

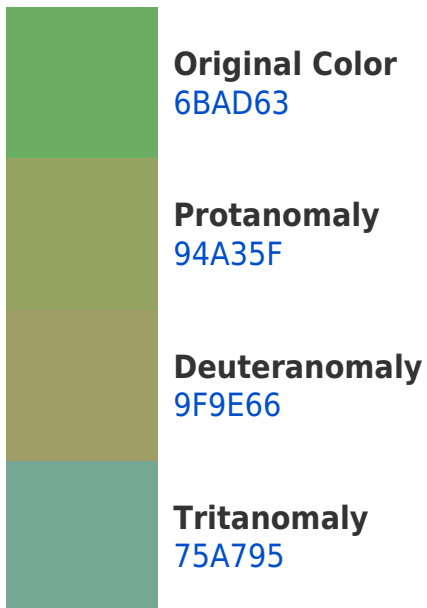
Dichromacy



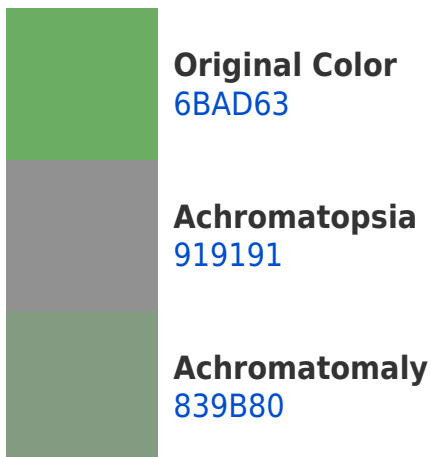


Tritanopia
7AA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAD63 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 #6BAD63 looks like.

```
.text, #text, p{  
    color:#6BAD63  
}
```

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 #6BAD63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAD63  
}
```

Border

The CSS property to change the border of an element to Hex 6BAD63 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  
#6BAD63 }
```

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

```
.border{ border-color:#6BAD63 }
```

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

Here you see how a box with a 4 pixel #6BAD63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAD63; -webkit-box-shadow:4px 4px  
4px 4px #6BAD63; box-shadow:4px 4px 4px  
4px #6BAD63 }
```

Background

The CSS property to change the background color of an element to Hex 6BAD63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAD63 }
```

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

```
.background{ background-color:#6BAD63 }
```

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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