

Converting Colors

Hex(6BAA61)

Have a look what the booklet for
Hex(6BAA61) contains.

Hex(6BAA61)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BAA61)

Conversions

Conversions Part 1

Format	Color
Hex	6BAA61
RGB	107, 170, 97
RGB Percent	42%, 67%, 38%
CMY	0.5804, 0.3333, 0.6196
CMYK	0.37, 0.00, 0.43, 0.33
HSL	112°, 30%, 52%
HSV	112°, 43%, 67%
XYZ	22.5958, 32.7383, 16.4375
YIQ	142.8410, -14.1150, -36.0590

Conversions

Conversions Part 2

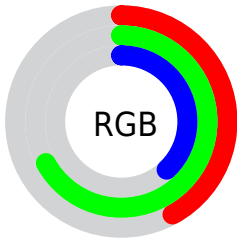
Format	Color
RYB	97, 170, 160
Decimal	7055969
CIELab	63.95, -34.86, 31.35
CIELCh	64, 46.885, 138.038
Yxy	32.7383, 0.3148, 0.4561
Android (android.graphics.Color)	4285246049 (0xFF6BAA61)
YUV	142.8410, -22.5996, -31.4326
Hunter-Lab	57.2174, -29.6388, 23.0193

Details

The Hex color **6BAA61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A061AA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A1E295**, and **377531** is the 20% darker color. If you saturate the color by 10%, you get **5CAA50**, and if you desaturate by 10%, it is **7AAA72**.

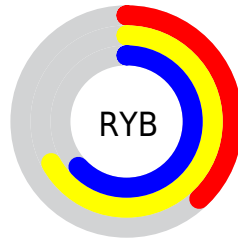
Distribution



Red (42%)

Green (67%)

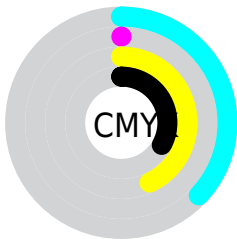
Blue (38%)



Red (38%)

Yellow (67%)

Blue (63%)

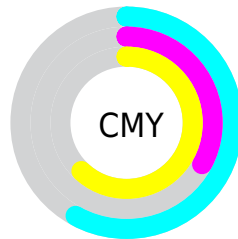


Cyan (37%)

Magenta (0%)

Yellow (43%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAA61 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 6BAA61 by changing the saturation by 10% instead.



6BAA61



6BAA61

FFFFFF



518F48



A1E295



377531



BDFFB0



1B5C19



D9FFCB



004400



F6FFE8



002D00



001600



000000



6BAA61



6BAA61



5CAA50



7AAA72

 4EAA3F

 88AA83

 3FAA2E

 97AA94

 30AA1D

 A6AAA5

 22AA0C

 B4AAB6

 17AA00

 C3AAC7

 D2AAD8

 E0AAE9

 EFAAFA

Harmonies

Analogous

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



9BA048



6BAA61



1BAF88

Triad

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



6BAA61



05A4EC



EA7983

Complementary

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



6BAA61



A061AA

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.



E07AAE



6BAA61



8396EA

Square

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



6BAA61



00ADD8



BE86D3



DE835E

Rectangle

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



6BAA61



00B0A5



BE86D3



E97891

Sweetspot

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



6BAA61



C5DEC1



AA9F61



61705E



F0F0F0



707070

Same Dimension

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



6BAA61



7ADE6A



61AA7B



4D544C



149400



031400

Inverse Universe

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



A061AA



CE6ADE



AA6190



534C54



800094



120014

Previews

White Background



This preview shows how the Hex color 6BAA61 looks on a white background.

Color Contrast Check

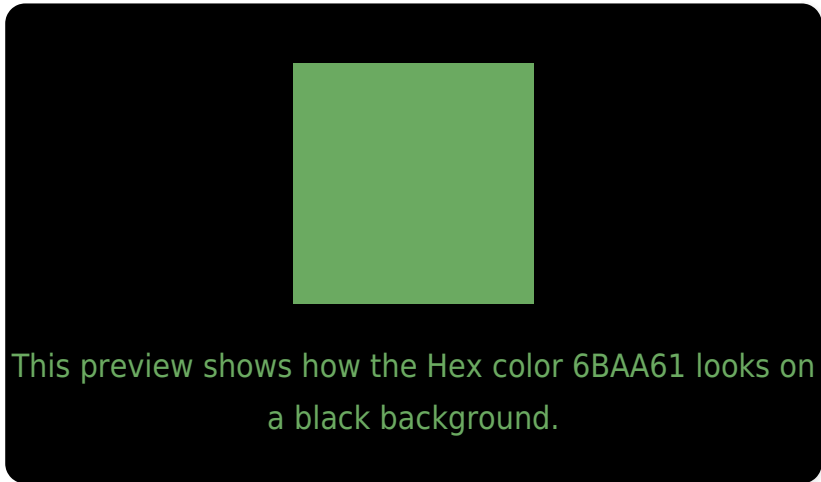
Large Text (above 18pt) WCAG AA × Fail

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 6BAA61 Background



This preview shows how black text looks on a background with the Hex color 6BAA61.

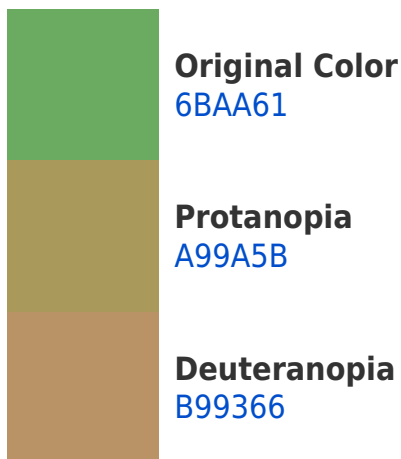


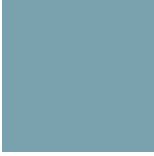
This preview shows how white text looks on a background with the Hex color 6BAA61.

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](#).

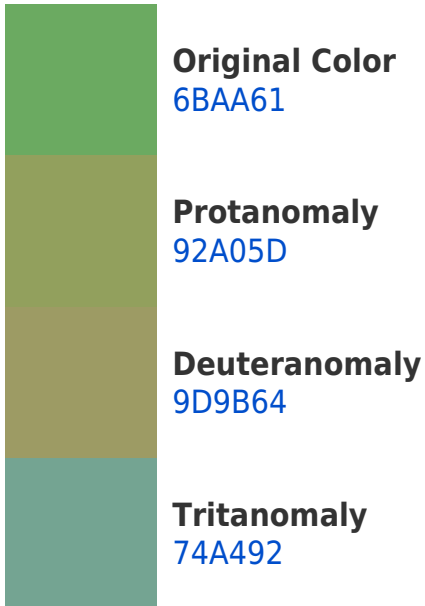
Dichromacy



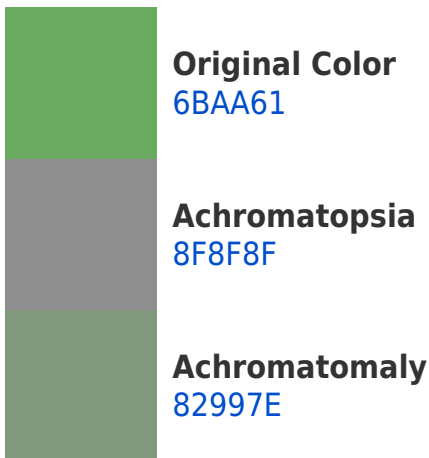


Tritanopia
79A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAA61 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 #6BAA61 looks like.

```
.text, #text, p{  
    color:#6BAA61  
}
```

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 #6BAA61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAA61
}
```

Border

The CSS property to change the border of an element to Hex 6BAA61 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
#6BAA61 }
```

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

```
.border{ border-color:#6BAA61 }
```

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

Here you see how a box with a 4 pixel #6BAA61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAA61; -webkit-box-shadow:4px 4px  
4px 4px #6BAA61; box-shadow:4px 4px 4px  
4px #6BAA61 }
```

Background

The CSS property to change the background color of an element to Hex 6BAA61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAA61 }
```

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

```
.background{ background-color:#6BAA61 }
```

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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