

Converting Colors

Hex(6BAB50)

Have a look what the booklet for
Hex(6BAB50) contains.

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Color

Hex(6BAB50)

Conversions

Conversions Part 1

Format	Color
Hex	6BAB50
RGB	107, 171, 80
RGB Percent	42%, 67%, 31%
CMY	0.5804, 0.3294, 0.6863
CMYK	0.37, 0.00, 0.53, 0.33
HSL	102°, 36%, 49%
HSV	102°, 53%, 67%
XYZ	22.0743, 32.8308, 12.7630
YIQ	141.4900, -8.9330, -41.8690

Conversions

Conversions Part 2

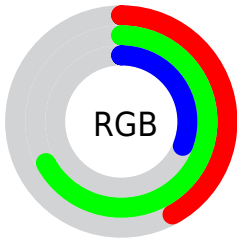
Format	Color
RYB	80, 171, 144
Decimal	7056208
CIELab	64.02, -37.59, 40.09
CIElCh	64, 54.957, 133.155
Yxy	32.8308, 0.3262, 0.4852
Android (android.graphics.Color)	4285246288 (0xFF6BAB50)
YUV	141.4900, -30.3146, -30.2477
Hunter-Lab	57.2982, -31.5042, 26.9021

Details

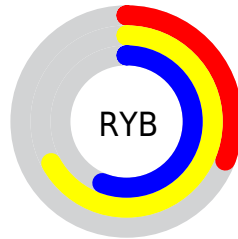
The Hex color **6BAB50** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9050AB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A2E383**, and **35761E** is the 20% darker color. If you saturate the color by 10%, you get **5FAB3F**, and if you desaturate by 10%, it is **77AB61**.

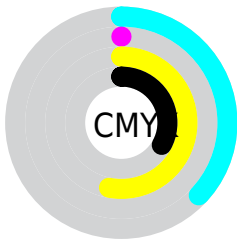
Distribution



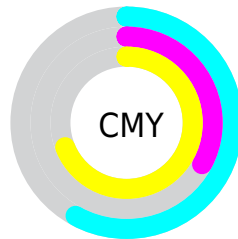
- Red (42%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAB50 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 6BAB50 by changing the saturation by 10% instead.



6BAB50



6BAB50

FFFFFF



509037



A2E383



35761E



BEFF9E



185D01



DAFFBA



004500



F7FFD6



002E00



FFFFF2



001700



000000



6BAB50



6BAB50



5FAB3F



77AB61

 53AB2E

 83AB72

 47AB1D

 8FAB83

 3BAB0C

 9BAB94

 33AB00

 A7ABA5

 B3ABB7

 BFABC8

 CBABD9

 D7ABEA

Harmonies

Analogous

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



A29F35



6BAB50



00B17D

Triad

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



6BAB50



00A8F9



F67087

Complementary

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



6BAB50



9050AB

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.



E774B9



6BAB50



6A99FB

Square

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



6BAB50



00B1DD



BA85E3



EB7C5A

Rectangle

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



6BAB50



00B39F



BA85E3



F46F98

Sweetspot

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



6BAB50



C5DEBA



AB9050



61705B



F0F0F0



707070

Same Dimension

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



6BAB50



7ADE50



50AB62



51574E



2D9600



071700

Inverse Universe

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



9050AB



B450DE



AB5099



544E57



6A0096



100017

Previews

White Background



This preview shows how the Hex color 6BAB50 looks on a white background.

Color Contrast Check

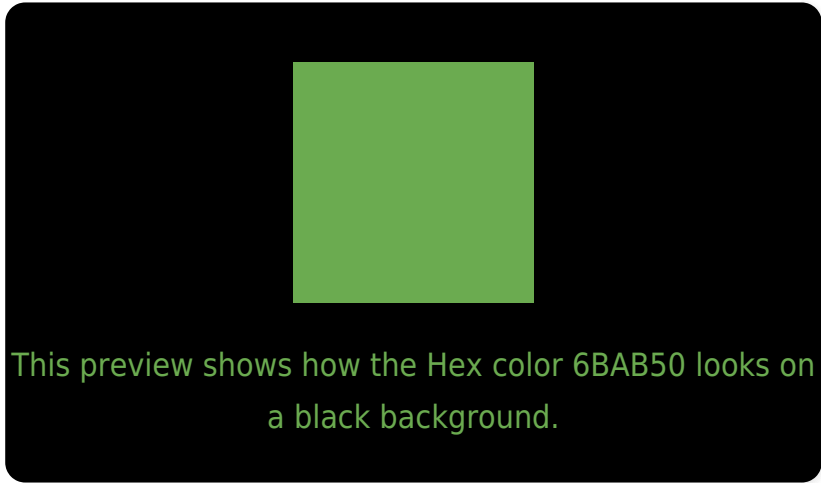
Large Text (above 18pt) WCAG AA × Fail

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 6BAB50 Background



This preview shows how black text looks on a background with the Hex color 6BAB50.



This preview shows how white text looks on a background with the Hex color 6BAB50.

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
6BAB50

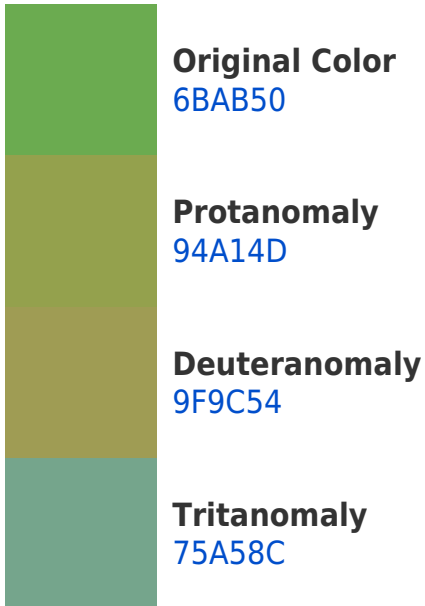
Protanopia
AB9B4B

Deuteranopia
BC9356

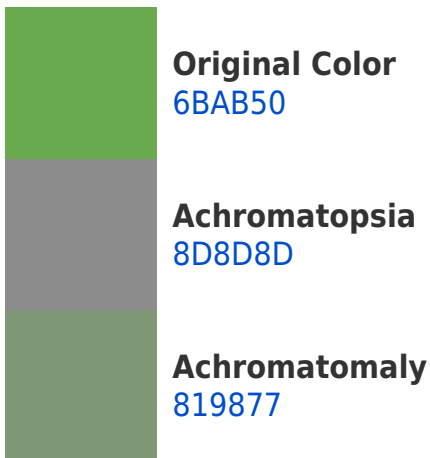


Tritanopia
7BA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAB50 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 #6BAB50 looks like.

```
.text, #text, p{  
    color:#6BAB50  
}
```

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 #6BAB50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAB50
}
```

Border

The CSS property to change the border of an element to Hex 6BAB50 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
#6BAB50 }
```

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

```
.border{ border-color:#6BAB50 }
```

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

Here you see how a box with a 4 pixel #6BAB50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAB50; -webkit-box-shadow:4px 4px  
4px 4px #6BAB50; box-shadow:4px 4px 4px  
4px #6BAB50 }
```

Background

The CSS property to change the background color of an element to Hex 6BAB50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAB50 }
```

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

```
.background{ background-color:#6BAB50 }
```

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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