

Converting Colors

Hex(6BAA5A)

Have a look what the booklet for
Hex(6BAA5A) contains.

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Color

Hex(6BAA5A)

Conversions

Conversions Part 1

Format	Color
Hex	6BAA5A
RGB	107, 170, 90
RGB Percent	42%, 67%, 35%
CMY	0.5804, 0.3333, 0.6471
CMYK	0.37, 0.00, 0.47, 0.33
HSL	107°, 32%, 51%
HSV	107°, 47%, 67%
XYZ	22.2836, 32.6134, 14.7934
YIQ	142.0430, -11.8680, -38.2360

Conversions

Conversions Part 2

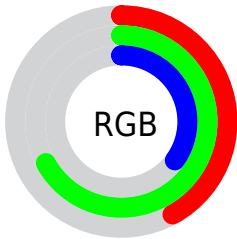
Format	Color
RYB	90, 170, 153
Decimal	7055962
CIELab	63.85, -35.86, 34.85
CIElCh	64, 50.003, 135.817
Yxy	32.6134, 0.3198, 0.4680
Android (android.graphics.Color)	4285246042 (0xFF6BAA5A)
YUV	142.0430, -25.6572, -30.7327
Hunter-Lab	57.1082, -30.2887, 24.6171

Details

The Hex color **6BAA5A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **995AAA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A1E28D**, and **367529** is the 20% darker color. If you saturate the color by 10%, you get **5EAA49**, and if you desaturate by 10%, it is **78AA6B**.

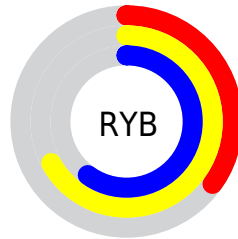
Distribution



Red (42%)

Green (67%)

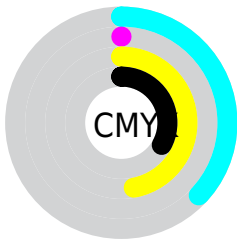
Blue (35%)



Red (35%)

Yellow (67%)

Blue (60%)

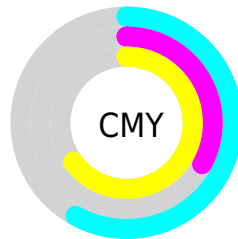


Cyan (37%)

Magenta (0%)

Yellow (47%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAA5A 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 6BAA5A by changing the saturation by 10% instead.

 6BAA5A

 6BAA5A

FFFFFF

 518F41

 A1E28D

 367529

 BDFFA8

 1A5C11

 DAFFC4

 004400

 F7FFE0

 002D00

FFFFFFD

 001600

 000000

 6BAA5A

 6BAA5A

 5EAA49

 78AA6B

■ 50AA38

■ 86AA7C

■ 43AA27

■ 93AA8D

■ 35AA16

■ A1AA9E

■ 28AA05

■ AEAAAF

■ 24AA00

■ BBAAC0

■ C9AAD1

■ D6AAE2

■ E3AAF3

Harmonies

Analogous

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



9EA041



6BAA5A



06B083

Triad

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



6BAA5A



00A6F1



EE7585

Complementary

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



6BAA5A



995AAA

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.



E277B2



6BAA5A



7997F0

Square

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



6BAA5A



00AEDA



BC85D9



E3805D

Rectangle

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



6BAA5A



00B1A2



BC85D9



ED7494

Sweetspot

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



6BAA5A



C5DEBF



AA995A



61705D



F0F0F0



707070

Same Dimension

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



6BAA5A



7CDE62



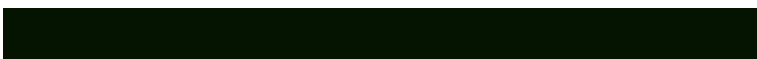
5AAA71



4E544C



1F9400



041400

Inverse Universe

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



995AAA



C362DE



AA5A93



524C54



740094



100014

Previews

White Background



This preview shows how the Hex color 6BAA5A looks on a white background.

Color Contrast Check

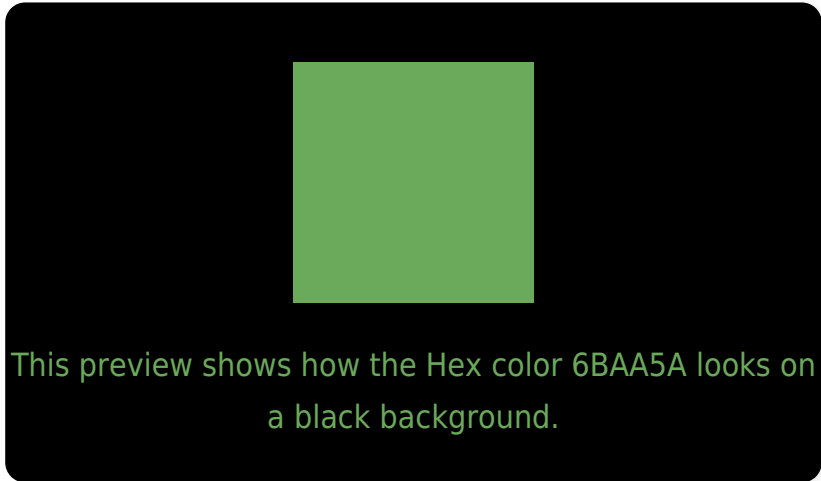
Large Text (above 18pt) WCAG AA × Fail

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 6BAA5A Background



This preview shows how black text looks on a background with the Hex color 6BAA5A.

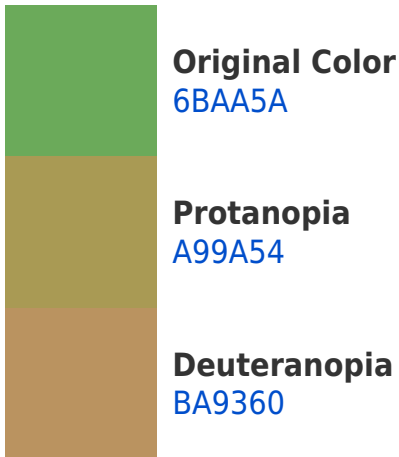


This preview shows how white text looks on a background with the Hex color 6BAA5A.

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
7AA1AD

Trichromacy



Original Color
6BAA5A



Protanomaly
92A056



Deuteranomaly
9D9B5E



Tritanomaly
75A48F

Monochromacy



Original Color
6BAA5A



Achromatopsia
8E8E8E



Achromatomaly
81987B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAA5A 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 #6BAA5A looks like.

```
.text, #text, p{  
    color:#6BAA5A  
}
```

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 #6BAA5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAA5A
}
```

Border

The CSS property to change the border of an element to Hex 6BAA5A 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
#6BAA5A }
```

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

```
.border{ border-color:#6BAA5A }
```

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

Here you see how a box with a 4 pixel #6BAA5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAA5A; -webkit-box-shadow:4px 4px  
4px 4px #6BAA5A; box-shadow:4px 4px 4px  
4px #6BAA5A }
```

Background

The CSS property to change the background color of an element to Hex 6BAA5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAA5A }
```

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

```
.background{ background-color:#6BAA5A }
```

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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