

# Converting Colors

Hex(6AAB5F)

Have a look what the booklet for  
Hex(6AAB5F) contains.

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# Color

Hex(6AAB5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	6AAB5F
RGB	106, 171, 95
RGB Percent	42%, 67%, 37%
CMY	0.5843, 0.3294, 0.6275
CMYK	0.38, 0.00, 0.44, 0.33
HSL	111°, 31%, 52%
HSV	111°, 44%, 67%
XYZ	22.5723, 33.0162, 16.0096
YIQ	142.9010, -14.3440, -37.4160

# Conversions

## Conversions Part 2

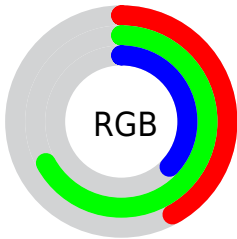
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 171, 160
Decimal	6990687
CIELab	64.17, -35.94, 32.67
CIELCh	64, 48.572, 137.731
Yxy	33.0162, 0.3153, 0.4611
Android (android.graphics.Color)	4285180767 (0xFF6AAB5F)
YUV	142.9010, -23.6152, -32.3622
Hunter-Lab	57.4597, -30.4331, 23.7023

# Details

The Hex color **6AAB5F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A05FAB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A0E393**, and **35762F** is the 20% darker color. If you saturate the color by 10%, you get **5BAB4E**, and if you desaturate by 10%, it is **79AB70**.

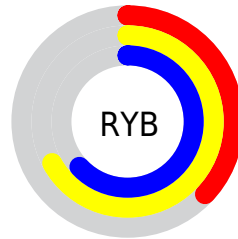
# Distribution



Red (42%)

Green (67%)

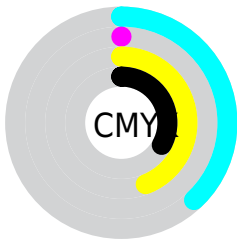
Blue (37%)



Red (37%)

Yellow (67%)

Blue (63%)

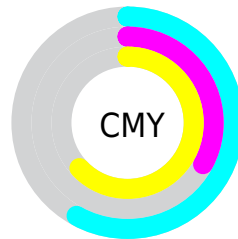


Cyan (38%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AAB5F 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 6AAB5F by changing the saturation by 10% instead.





6AAB5F



6AAB5F

FFFFFF



509046



A0E393



35762F



BCFFAE



195D17



D8FFC9



004500



F6FFE6



002E00



001700



000000



6AAB5F



6AAB5F



5BAB4E



79AB70

 4DAB3D


 87AB81

 3EAB2C

 96AB92

 30AB1B

 A4ABA3

 21AB0A

 B3ABB4

 19AB00

 C2ABC6

 D0ABD7

 DFABE8

 EEABF9

# Harmonies

## Analogous

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



9CA145



6AAB5F



0BB088

# Triad

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



6AAB5F



00A5F0



ED7883

# Complementary

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



6AAB5F



A05FAB

# 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.



E379AF



6AAB5F



8197EE

# Square

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



6AAB5F



00AEDB



BF86D6



E1835D

# Rectangle

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



6AAB5F



00B2A6



BF86D6



EC7692



# Sweetspot

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



6AAB5F



C5DEC1



ABA05F



61705E



F0F0F0



707070



# Same Dimension

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



6AAB5F



79DE68



5FAB7A



4F574E



169600



031700



# Inverse Universe

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



A05FAB



CD68DE



AB5F90



554E57



810096



140017



# Previews

## White Background



This preview shows how the Hex color 6AAB5F looks on a white background.

## Color Contrast Check

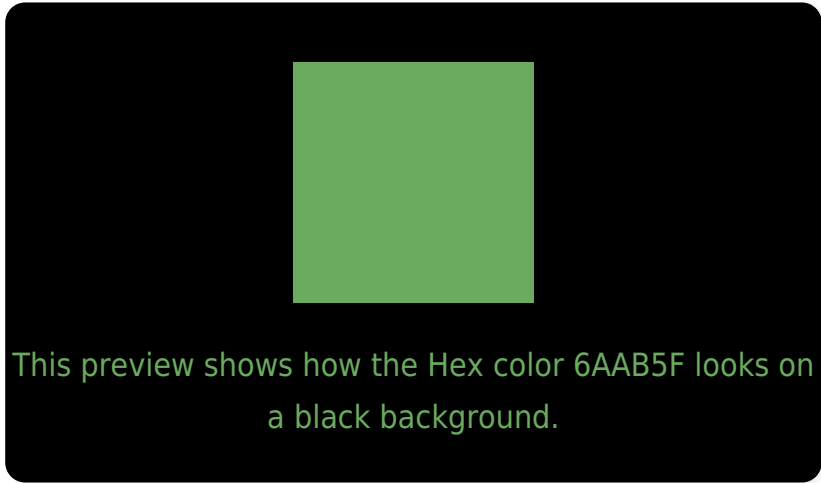
Large Text (above 18pt) WCAG AA × Fail

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

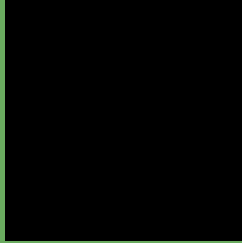
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6AAB5F Background



This preview shows how black text looks on a background with the Hex color 6AAB5F.



This preview shows how white text looks on a background with the Hex color 6AAB5F.

# 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](#).

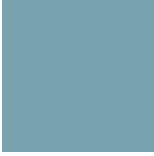
## Dichromacy



**Original Color**  
6AAB5F

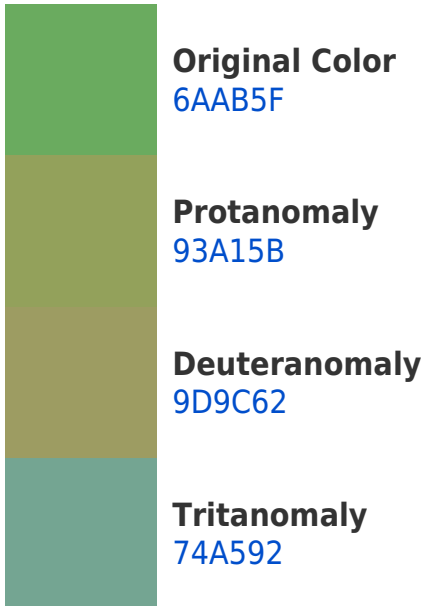
**Protanopia**  
AA9B59

**Deuteranopia**  
BA9464

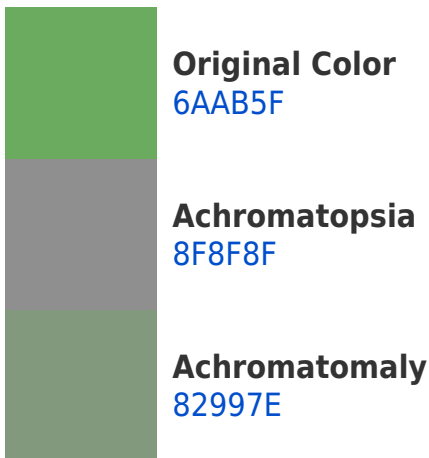


**Tritanopia**  
79A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AAB5F 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 #6AAB5F looks like.

```
.text, #text, p{  
    color:#6AAB5F  
}
```

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 #6AAB5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAB5F
}
```

## Border

The CSS property to change the border of an element to Hex 6AAB5F 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
#6AAB5F }
```

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

```
.border{ border-color:#6AAB5F }
```

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

Here you see how a box with a 4 pixel #6AAB5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAB5F; -webkit-box-shadow:4px 4px  
4px 4px #6AAB5F; box-shadow:4px 4px 4px  
4px #6AAB5F }
```

# Background

The CSS property to change the background color of an element to Hex 6AAB5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAB5F }
```

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

```
.background{ background-color:#6AAB5F }
```

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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