

# Converting Colors

Hex(60AB5F)

Have a look what the booklet for  
Hex(60AB5F) contains.

<b>Hex(60AB5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(60AB5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60AB5F
RGB	96, 171, 95
RGB Percent	38%, 67%, 37%
CMY	0.6235, 0.3294, 0.6275
CMYK	0.44, 0.00, 0.44, 0.33
HSL	119°, 31%, 52%
HSV	119°, 44%, 67%
XYZ	21.4523, 32.4388, 15.9571
YIQ	139.9110, -20.3040, -39.5360

# Conversions

## Conversions Part 2

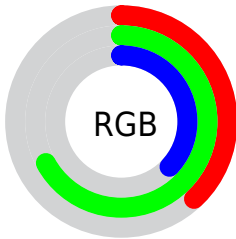
Format	Color
<a href="#">RYB</a>	<a href="#">95, 171, 170</a>
Decimal	<a href="#">6335327</a>
CIELab	<a href="#">63.70, -39.13, 31.98</a>
CIElCh	<a href="#">64, 50.529, 140.743</a>
Yxy	<a href="#">32.4388, 0.3071, 0.4644</a>
Android (android.graphics.Color)	<a href="#">4284525407 (0xFF60AB5F)</a>
YUV	<a href="#">139.9110, -22.1411, -38.5099</a>
Hunter-Lab	<a href="#">56.9551, -32.4388, 23.2573</a>

# Details

The Hex color **60AB5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA5FAB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **96E393**, and **29762F** is the 20% darker color. If you saturate the color by 10%, you get **4FAB4E**, and if you desaturate by 10%, it is **71AB70**.

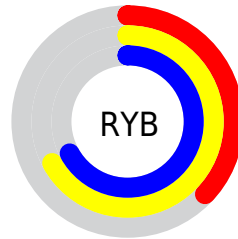
# Distribution



Red (38%)

Green (67%)

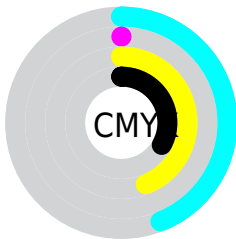
Blue (37%)



Red (37%)

Yellow (67%)

Blue (67%)

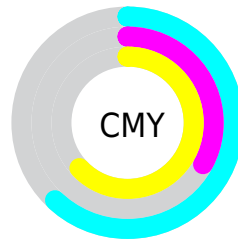


Cyan (44%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60AB5F 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 60AB5F by changing the saturation by 10% instead.





60AB5F



60AB5F

FFFFFF



459046



96E393



29762F



B2FFAD



035D17



CFFFC9



004400



ECFFE5



002E00



001500



000000



60AB5F



60AB5F



4FAB4E



71AB70

 3EAB3D

 82AB81

 2DAB2C

 93AB92

 1DAB1B

 A3ABA3

 0CAB0A

 B4ABB4

 02AB00

 C5ABC6

 D6ABD7

 E7ABE8

 F8ABF9

# Harmonies

## Analogous

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



95A142



60AB5F



00B08A

# Triad

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



60AB5F



00A3F3



EE757D

# Complementary

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



60AB5F



AA5FAB

# 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.



E675AA



60AB5F



8694EF

# Square

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



60AB5F



00ADDF



C482D4



E08256

# Rectangle

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



60AB5F



00B1AA



C482D4



EE738C



# Sweetspot

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



60AB5F



C1DEC1



ABAA5F



5E705E



F0F0F0



707070



# Same Dimension

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



60AB5F



6ADE68



5FAB84



4E574E



029600



001700



# Inverse Universe

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



AA5FAB



DC68DE



AB5F86



574E57



940096



170017



# Previews

## White Background



This preview shows how the Hex color 60AB5F looks on a white background.

## Color Contrast Check

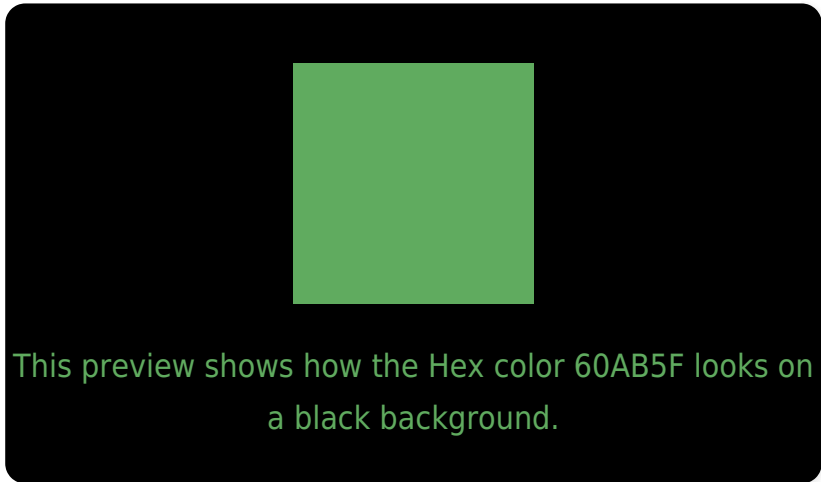
Large Text (above 18pt) WCAG AA × Fail

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 60AB5F Background



This preview shows how black text looks on a background with the Hex color 60AB5F.

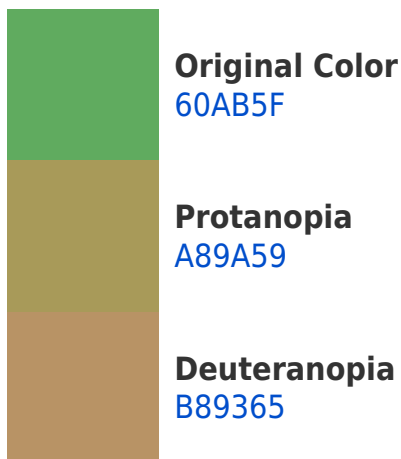


This preview shows how white text looks on a background with the Hex color 60AB5F.

# 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](#).

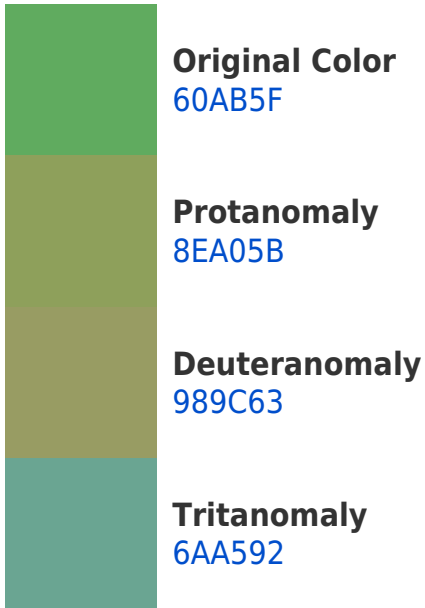
## Dichromacy



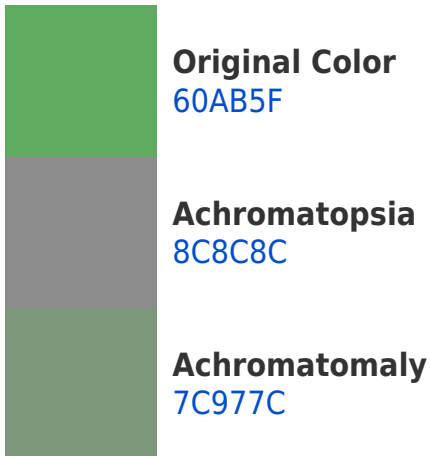


**Tritanopia**  
70A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60AB5F 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 #60AB5F looks like.

```
.text, #text, p{  
    color:#60AB5F  
}
```

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 #60AB5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AB5F
}
```

## Border

The CSS property to change the border of an element to Hex 60AB5F 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
#60AB5F }
```

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

```
.border{ border-color:#60AB5F }
```

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

Here you see how a box with a 4 pixel #60AB5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AB5F; -webkit-box-shadow:4px 4px  
4px 4px #60AB5F; box-shadow:4px 4px 4px  
4px #60AB5F }
```

# Background

The CSS property to change the background color of an element to Hex 60AB5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AB5F }
```

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

```
.background{ background-color:#60AB5F }
```

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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