

# Converting Colors

Hex(61B54C)

Have a look what the booklet for  
Hex(61B54C) contains.

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**Color**

**Hex(61B54C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B54C
RGB	97, 181, 76
RGB Percent	38%, 71%, 30%
CMY	0.6196, 0.2902, 0.7020
CMYK	0.46, 0.00, 0.58, 0.29
HSL	108°, 42%, 50%
HSV	108°, 58%, 71%
XYZ	22.7581, 36.1109, 12.6081
YIQ	143.9140, -16.3590, -50.4630

# Conversions

## Conversions Part 2

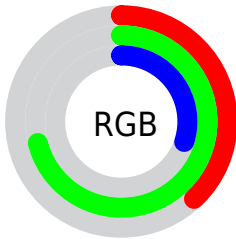
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 181, 160
Decimal	6403404
CIELab	66.60, -45.57, 44.94
CIELCh	67, 64.003, 135.401
Yxy	36.1109, 0.3184, 0.5052
Android (android.graphics.Color)	4284593484 (0xFF61B54C)
YUV	143.9140, -33.4816, -41.1436
Hunter-Lab	60.0924, -37.5603, 29.6249

# Details

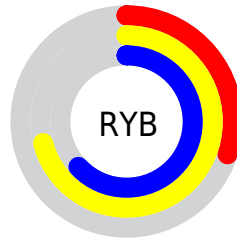
The Hex color **61B54C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A04CB5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **99EE80**, and **267F17** is the 20% darker color. If you saturate the color by 10%, you get **53B53A**, and if you desaturate by 10%, it is **6FB55E**.

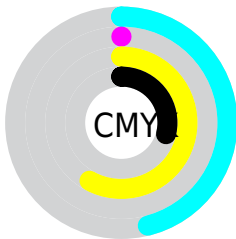
# Distribution



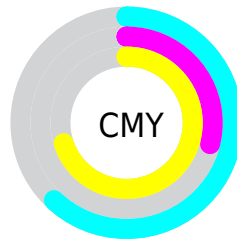
- Red (38%)
- Green (71%)
- Blue (30%)



- Red (30%)
- Yellow (71%)
- Blue (63%)



- Cyan (46%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61B54C 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 61B54C by changing the saturation by 10% instead.



 61B54C

 61B54C

FFFFFF

 459A32

 99EE80

 267F17

 B5FF9B

 006600

 D2FFB6

 004D00

 F0FFD3

 003500

 FFFFEF

 001F00

 000000

 61B54C

 61B54C

 53B53A

 6FB55E

 44B528

 7EB570

 36B516

 8CB582

 27B504

 9BB594

 24B500

 A9B5A7

 B8B5B9

 C6B5CB

 D5B5DD

 E3B5EF

# Harmonies

## Analogous

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



A4A825



61B54C



00BC83

# Triad

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



61B54C



00B0FF



FF6C87

# Complementary

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



61B54C



A04CB5

# 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.



FC70C1



61B54C



6B9EFF

# Square

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



61B54C



00BAF3



CB86F3



FC7E52

# Rectangle

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



61B54C



00BDAB



CB86F3



FF6B9A



# Sweetspot

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



61B54C



CBEB3



B5A04C



63755E



F5F5F5



757575



# Same Dimension

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



61B54C



67EB46



4CB56C



525950



1F9900



051A00



# Inverse Universe

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



A04CB5



CA46EB



B54C96



575059



7A0099



14001A



# Previews

## White Background



This preview shows how the Hex color 61B54C looks on a white background.

## Color Contrast Check

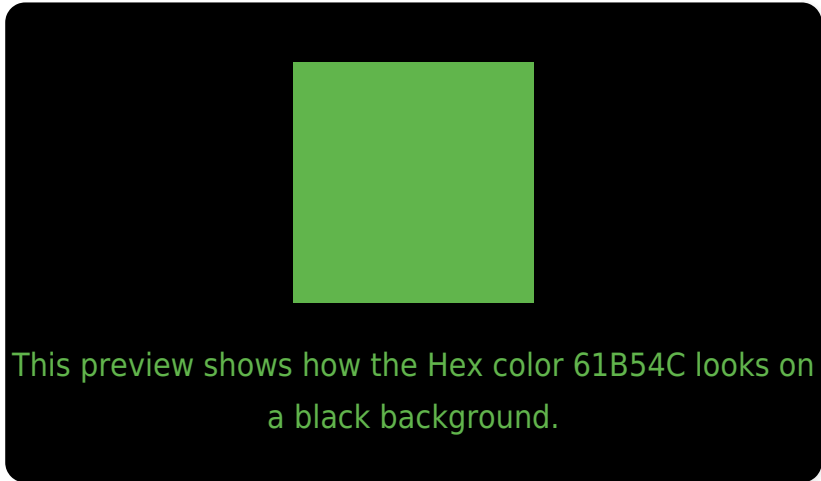
Large Text (above 18pt) WCAG AA × Fail

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

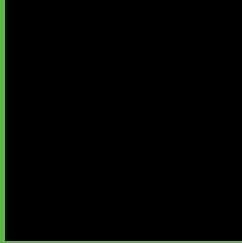
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61B54C Background



This preview shows how black text looks on a background with the Hex color 61B54C.

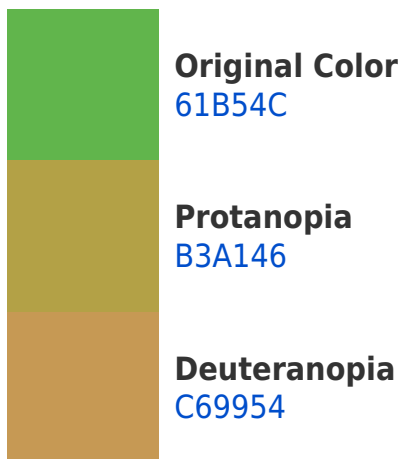


This preview shows how white text looks on a background with the Hex color 61B54C.

# 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](#).

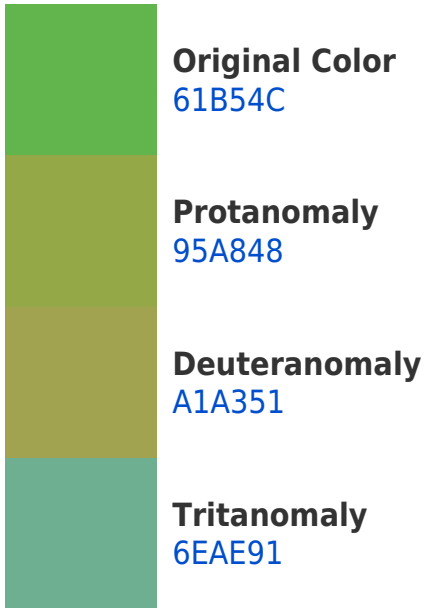
## Dichromacy



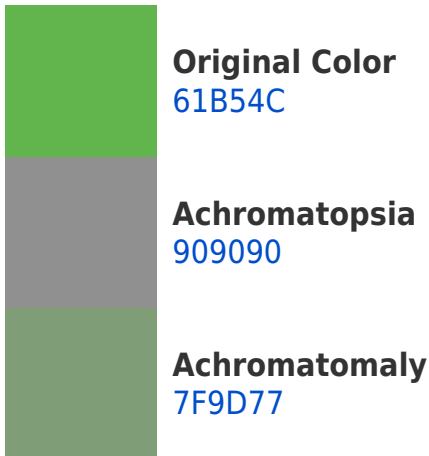


**Tritanopia**  
75AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61B54C 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 #61B54C looks like.

```
.text, #text, p{  
    color:#61B54C  
}
```

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 #61B54C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B54C
}
```

## Border

The CSS property to change the border of an element to Hex 61B54C 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
#61B54C }
```

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

```
.border{ border-color:#61B54C }
```

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

Here you see how a box with a 4 pixel #61B54C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B54C; -webkit-box-shadow:4px 4px  
4px 4px #61B54C; box-shadow:4px 4px 4px  
4px #61B54C }
```

# Background

The CSS property to change the background color of an element to Hex 61B54C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B54C }
```

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

```
.background{ background-color:#61B54C }
```

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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