

# Converting Colors

Hex(61C64A)

Have a look what the booklet for  
Hex(61C64A) contains.

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# **Color**

**Hex(61C64A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61C64A
RGB	97, 198, 74
RGB Percent	38%, 78%, 29%
CMY	0.6196, 0.2235, 0.7098
CMYK	0.51, 0.00, 0.63, 0.22
HSL	109°, 52%, 53%
HSV	109°, 63%, 78%
XYZ	26.3599, 43.4240, 13.4709
YIQ	153.6650, -20.3920, -59.9760

# Conversions

## Conversions Part 2

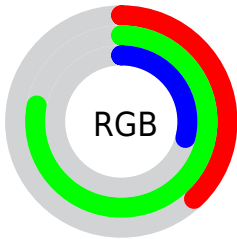
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 198, 175
Decimal	6407754
CIELab	71.84, -52.56, 51.79
CIELCh	72, 73.793, 135.422
Yxy	43.4240, 0.3166, 0.5216
Android (android.graphics.Color)	4284597834 (0xFF61C64A)
YUV	153.6650, -39.2748, -49.6952
Hunter-Lab	65.8969, -43.9164, 34.0075

# Details

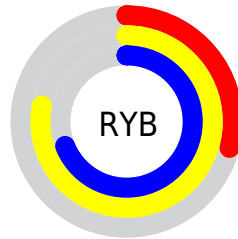
The Hex color **61C64A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **AF4AC6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9BFF7F**, and **1F8F0F** is the 20% darker color. If you saturate the color by 10%, you get **51C636**, and if you desaturate by 10%, it is **71C65E**.

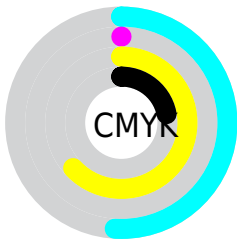
# Distribution



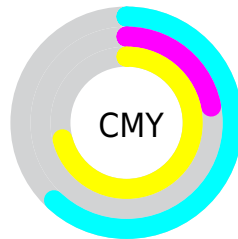
- Red (38%)
- Green (78%)
- Blue (29%)



- Red (29%)
- Yellow (78%)
- Blue (69%)



- Cyan (51%)
- Magenta (0%)
- Yellow (63%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61C64A 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 61C64A by changing the saturation by 10% instead.



 61C64A

 61C64A

FFFFFF

 43AA2F

 9BFF7F

 1F8F0F

 B8FF9A

 007500

 D6FFB6

 005B00

 F3FFD3

 004200

 FFFFF0

 002D00

 000C00

 000000

 61C64A

 61C64A

■ 51C636

■ 71C65E

■ 41C622

■ 81C672

■ 31C60F

■ 91C685

■ 25C600

■ A2C699

■ B2C6AD

■ C2C6C1

■ D2C6D5

■ E2C6E8

■ F2C6FC

# Harmonies

## Analogous

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



B1B811



61C64A



00CE8C

# Triad

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



61C64A



00C1FF



FF6E90

# Complementary

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



61C64A



AF4AC6

# 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.



FF73D4



61C64A



69ACFF

# Square

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



61C64A



00CCFF



DF8EFF



FF8452

# Rectangle

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



61C64A



00D0BB



DF8EFF



FF6CA7

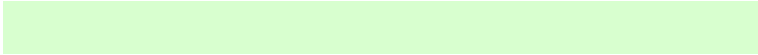


# Sweetspot

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



61C64A



D8FFCF



C6AD4A



688062



000000



808080



# Same Dimension

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



61C64A



63FF40



4AC66F



5B635A



1EA300



072400



# Inverse Universe

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



AF4AC6



DC40FF



C64AA1



625A63



8500A3



1D0024



# Previews

## White Background



This preview shows how the Hex color 61C64A looks on a white background.

## Color Contrast Check

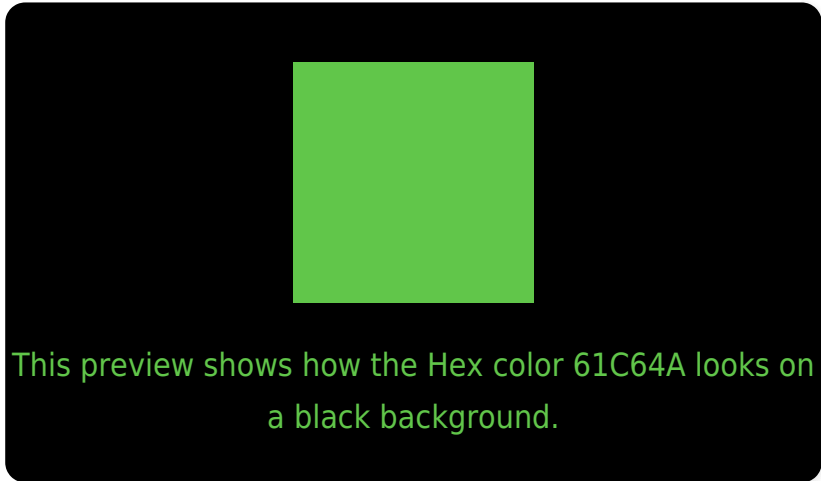
Large Text (above 18pt) WCAG AA × Fail

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 61C64A Background



This preview shows how black text looks on a background with the Hex color 61C64A.

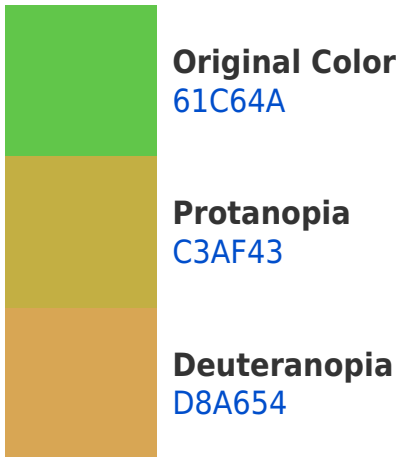


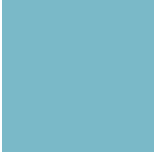
This preview shows how white text looks on a background with the Hex color 61C64A.

# 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](#).

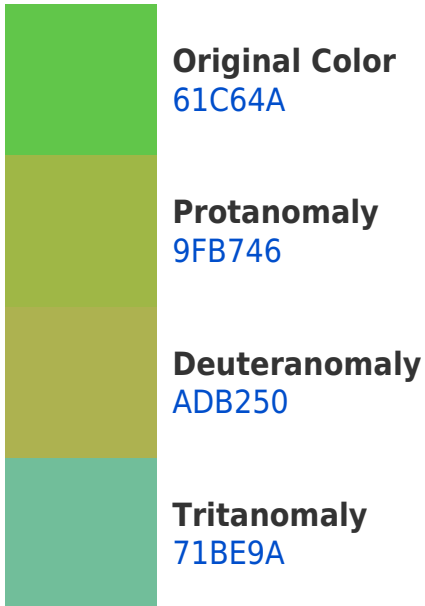
## Dichromacy



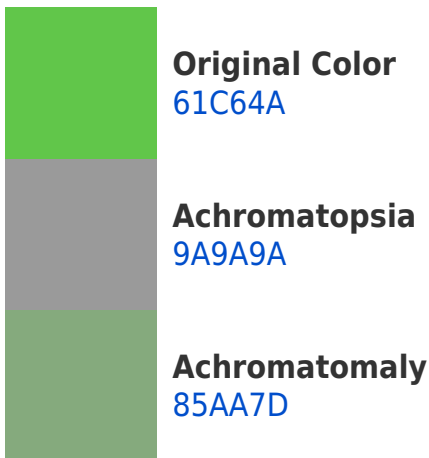


**Tritanopia**  
7AB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61C64A 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 #61C64A looks like.

```
.text, #text, p{  
    color:#61C64A  
}
```

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 #61C64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C64A
}
```

## Border

The CSS property to change the border of an element to Hex 61C64A 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
#61C64A }
```

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

```
.border{ border-color:#61C64A }
```

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

Here you see how a box with a 4 pixel #61C64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C64A; -webkit-box-shadow:4px 4px  
4px 4px #61C64A; box-shadow:4px 4px 4px  
4px #61C64A }
```

# Background

The CSS property to change the background color of an element to Hex 61C64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C64A }
```

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

```
.background{ background-color:#61C64A }
```

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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