

Converting Colors

Hex(61C634)

Have a look what the booklet for
Hex(61C634) contains.

Hex(61C634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61C634)

Conversions

Conversions Part 1

Format	Color
Hex	61C634
RGB	97, 198, 52
RGB Percent	38%, 78%, 20%
CMY	0.6196, 0.2235, 0.7961
CMYK	0.51, 0.00, 0.74, 0.22
HSL	102°, 58%, 49%
HSV	102°, 74%, 78%
XYZ	25.7437, 43.1775, 10.2261
YIQ	151.1570, -13.3300, -66.8180

Conversions

Conversions Part 2

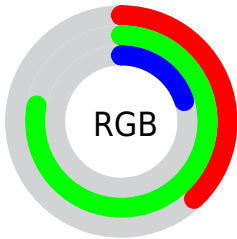
Format	Color
RYB	52, 198, 153
Decimal	6407732
CIELab	71.68, -54.41, 60.25
CIELCh	72, 81.182, 132.080
Yxy	43.1775, 0.3253, 0.5455
Android (android.graphics.Color)	4284597812 (0xFF61C634)
YUV	151.1570, -48.8844, -47.4957
Hunter-Lab	65.7096, -45.0591, 36.7697

Details

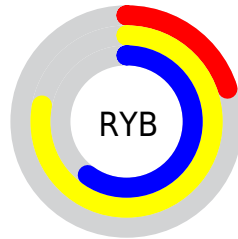
The Hex color **61C634** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9934C6**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9CFF6C**, and **1C8F00** is the 20% darker color. If you saturate the color by 10%, you get **53C620**, and if you desaturate by 10%, it is **6FC648**.

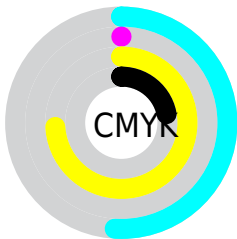
Distribution



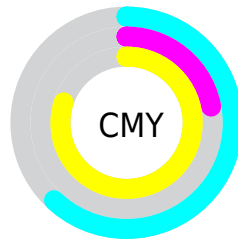
- Red (38%)
- Green (78%)
- Blue (20%)



- Red (20%)
- Yellow (78%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (74%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C634 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 61C634 by changing the saturation by 10% instead.

 61C634

 61C634

FFFFFF

 42AA11

 9CFF6C

 1C8F00

 B9FF87

 007500

 D7FFA3

 005B00

 F5FFC0

 004200

 FFFFDC

 002C00

 FFFFFA

 000B00

 000000

 61C634

 61C634

■ 53C620

■ 6FC648

■ 46C60C

■ 7CC65C

■ 3DC600

■ 8AC66F

■ 98C683

■ A5C697

■ B3C6AB

■ C1C6BF

■ CFC6D2

■ DCC6E6

Harmonies

Analogous

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



B6B600



61C634



00CF7F

Triad

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



61C634



00C4FF



FF6195

Complementary

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



61C634



9934C6

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.



FF6BDF



61C634



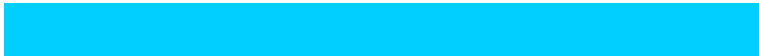
29AEFF

Square

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



61C634



00CFFF



D88DFF



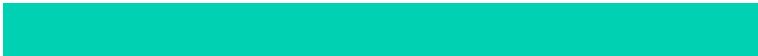
FF7A4F

Rectangle

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



61C634



00D1B3



D88DFF



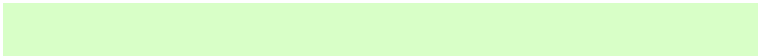
FF5FAE

Sweetspot

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



61C634



D8FFC7



C69834



69805E



000000



808080

Same Dimension

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



61C634



64FF1F



34C64F



5D635A



32A300



0B2400

Inverse Universe

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



9934C6



BA1FFF



C634AB



605A63



7100A3



190024

Previews

White Background



This preview shows how the Hex color 61C634 looks on a white background.

Color Contrast Check

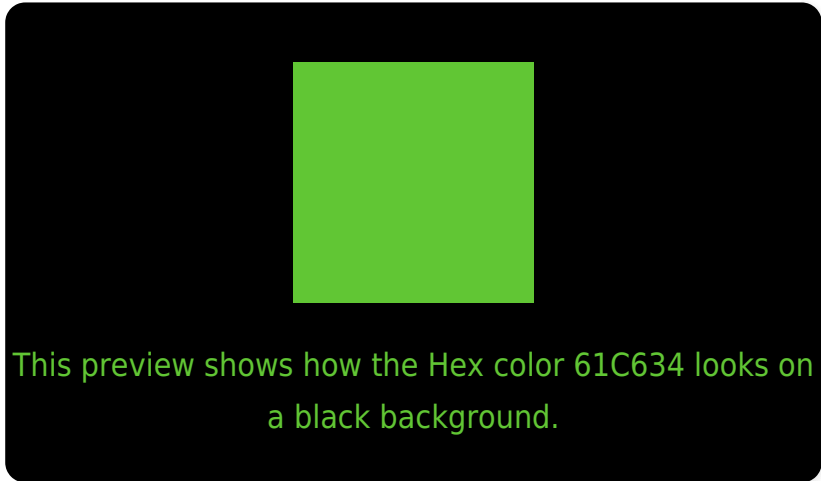
Large Text (above 18pt) WCAG AA × Fail

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 61C634 Background



This preview shows how black text looks on a background with the Hex color 61C634.

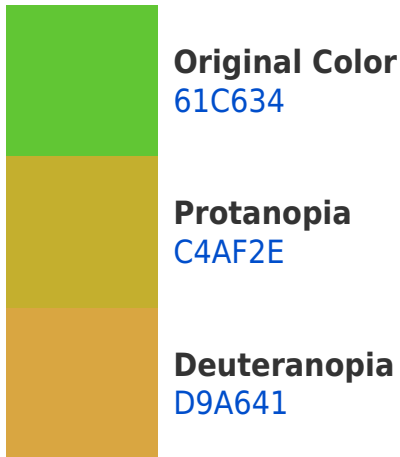


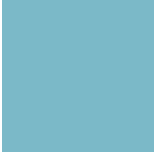
This preview shows how white text looks on a background with the Hex color 61C634.

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](#).

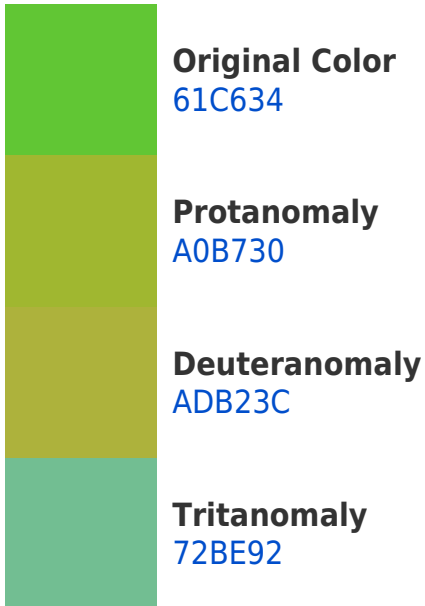
Dichromacy



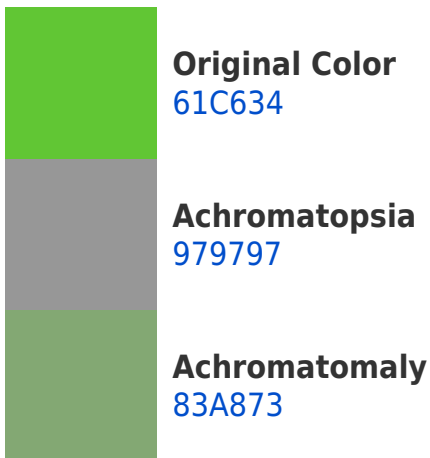


Tritanopia
7BB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61C634 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 #61C634 looks like.

```
.text, #text, p{  
    color:#61C634  
}
```

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 #61C634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C634
}
```

Border

The CSS property to change the border of an element to Hex 61C634 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
#61C634 }
```

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

```
.border{ border-color:#61C634 }
```

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

Here you see how a box with a 4 pixel #61C634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C634; -webkit-box-shadow:4px 4px  
4px 4px #61C634; box-shadow:4px 4px 4px  
4px #61C634 }
```

Background

The CSS property to change the background color of an element to Hex 61C634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C634 }
```

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

```
.background{ background-color:#61C634 }
```

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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