

Converting Colors

Hex(60C64C)

Have a look what the booklet for
Hex(60C64C) contains.

Hex(60C64C)	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(60C64C)

Conversions

Conversions Part 1

Format	Color
Hex	60C64C
RGB	96, 198, 76
RGB Percent	38%, 78%, 30%
CMY	0.6235, 0.2235, 0.7020
CMYK	0.52, 0.00, 0.62, 0.22
HSL	110°, 52%, 54%
HSV	110°, 62%, 78%
XYZ	26.3225, 43.3968, 13.8266
YIQ	153.5940, -21.6300, -59.5660

Conversions

Conversions Part 2

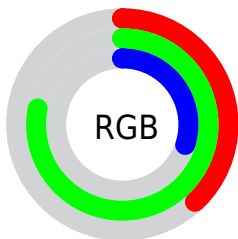
Format	Color
RYB	76, 198, 178
Decimal	6342220
CIELab	71.82, -52.64, 50.89
CIELCh	72, 73.218, 135.966
Yxy	43.3968, 0.3151, 0.5194
Android (android.graphics.Color)	4284532300 (0xFF60C64C)
YUV	153.5940, -38.2538, -50.5099
Hunter-Lab	65.8762, -43.9593, 33.6692

Details

The Hex color **60C64C** 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 **B24CC6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9AFF81**, and **1D8F13** is the 20% darker color. If you saturate the color by 10%, you get **4FC638**, and if you desaturate by 10%, it is **71C660**.

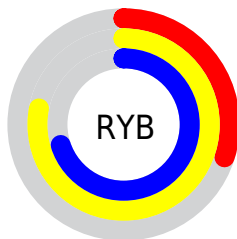
Distribution



Red (38%)

Green (78%)

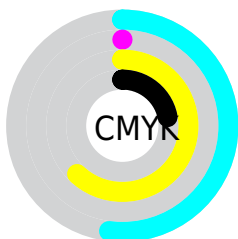
Blue (30%)



Red (30%)

Yellow (78%)

Blue (70%)

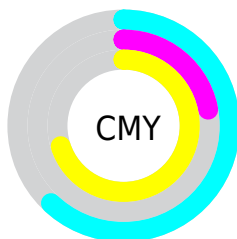


Cyan (52%)

Magenta (0%)

Yellow (62%)

Black (22%)



Cyan (62%)

Magenta (22%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60C64C 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 60C64C by changing the saturation by 10% instead.

 60C64C

 60C64C

FFFFFF

 42AA31

 9AFF81

 1D8F13

 B7FF9C

 007500

 D5FFB8

 005B00

 F2FFD4

 004200

 FFFFF1

 002D00

 000C00

 000000

 60C64C

 60C64C

 4FC638

 71C660

 3FC624

 81C674

 2EC611

 92C687

 20C600

 A2C69B

 B3C6AF

 C3C6C3

 D4C6D7

 E4C6EA

 F5C6FE

Harmonies

Analogous

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



AFB815



60C64C



00CD8D

Triad

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



60C64C



00C1FF



FF6F8F

Complementary

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



60C64C



B24CC6

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.



FF73D2



60C64C



6DABFF

Square

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



60C64C



00CCFF



E08EFF



FF8552

Rectangle

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



60C64C



00CFBC



E08EFF



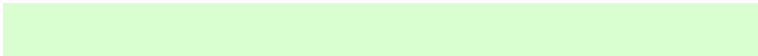
FF6DA5

Sweetspot

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



60C64C



D9FFD1



C6B24C



688063



000000



808080

Same Dimension

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



60C64C



61FF42



4CC675



5B635A



1BA300



062400

Inverse Universe

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



B24CC6



E042FF



C64C9D



625A63



8800A3



1E0024

Previews

White Background



This preview shows how the Hex color 60C64C looks on a white background.

Color Contrast Check

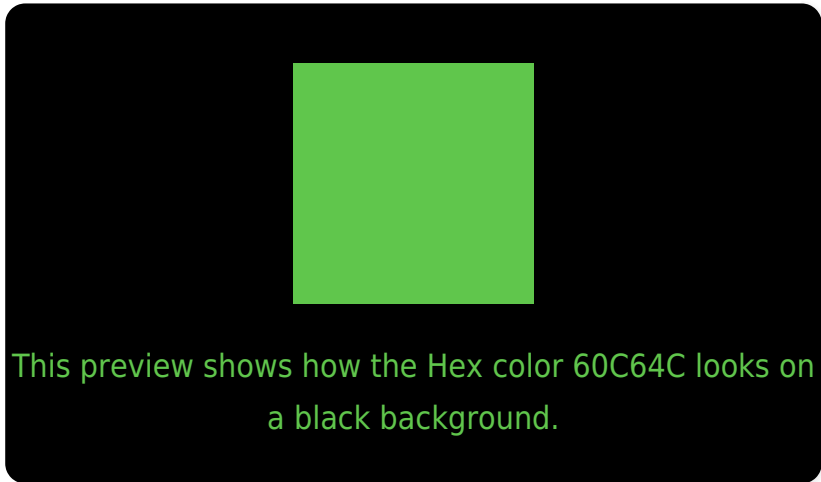
Large Text (above 18pt) WCAG AA × Fail

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

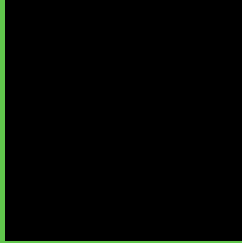
Any Text WCAG AA ✓ Pass

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 60C64C Background



This preview shows how black text looks on a background with the Hex color 60C64C.

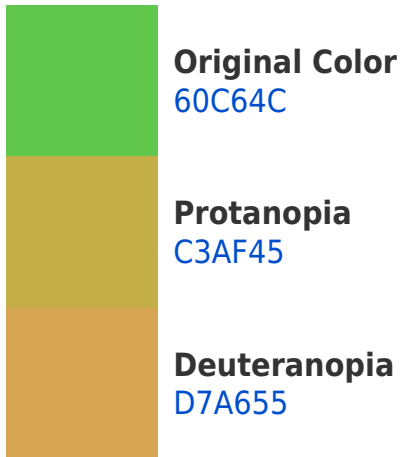


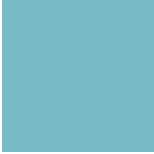
This preview shows how white text looks on a background with the Hex color 60C64C.

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](#).

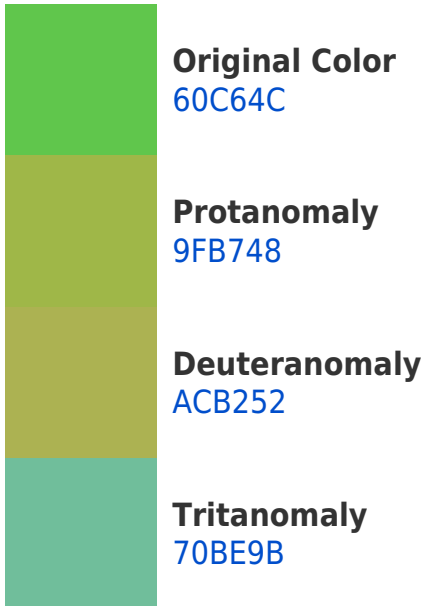
Dichromacy



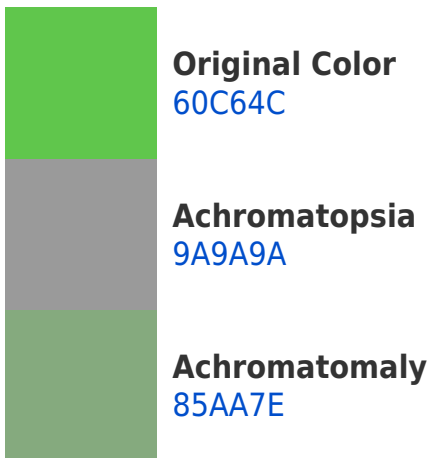


Tritanopia
79BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60C64C 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 #60C64C looks like.

```
.text, #text, p{  
    color:#60C64C  
}
```

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 #60C64C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C64C }  
}
```

Border

The CSS property to change the border of an element to Hex 60C64C 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 #60C64C }  
}
```

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

```
.border{ border-color:#60C64C }
```

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

Here you see how a box with a 4 pixel #60C64C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C64C; -webkit-box-shadow:4px 4px  
4px 4px #60C64C; box-shadow:4px 4px 4px  
4px #60C64C }
```

Background

The CSS property to change the background color of an element to Hex 60C64C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C64C }
```

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

```
.background{ background-color:#60C64C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor