

Converting Colors

Hex(63C755)

Have a look what the booklet for
Hex(63C755) contains.

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Color

Hex(63C755)

Conversions

Conversions Part 1

Format	Color
Hex	63C755
RGB	99, 199, 85
RGB Percent	39%, 78%, 33%
CMY	0.6118, 0.2196, 0.6667
CMYK	0.50, 0.00, 0.57, 0.22
HSL	113°, 50%, 56%
HSV	113°, 57%, 78%
XYZ	27.2087, 44.1554, 15.6831
YIQ	156.1040, -23.0060, -56.6540

Conversions

Conversions Part 2

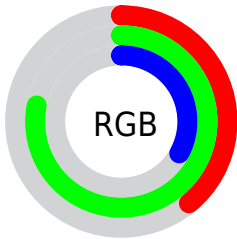
Format	Color
RYB	85, 199, 185
Decimal	6539093
CIELab	72.33, -51.21, 47.46
CIELCh	72, 69.822, 137.180
Yxy	44.1554, 0.3126, 0.5073
Android (android.graphics.Color)	4284729173 (0xFF63C755)
YUV	156.1040, -35.0543, -50.0802
Hunter-Lab	66.4495, -43.1973, 32.5213

Details

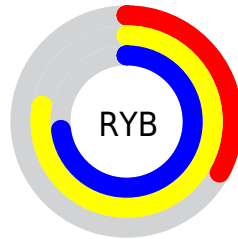
The Hex color **63C755** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **B955C7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9DFF8A**, and **239020** is the 20% darker color. If you saturate the color by 10%, you get **52C741**, and if you desaturate by 10%, it is **74C769**.

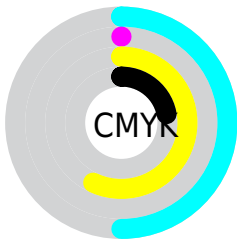
Distribution



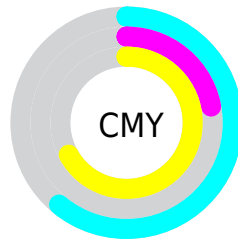
- Red (39%)
- Green (78%)
- Blue (33%)



- Red (33%)
- Yellow (78%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C755 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 63C755 by changing the saturation by 10% instead.

 63C755

 63C755

FFFFFF

 45AB3B

 9DFF8A

 239020

 BAFFA5

 007600

 D7FFC1

 005C00

 F5FFDD

 004300

 FFFFFA

 002E00

 000F00

 000000

 63C755

 63C755

 52C741

 74C769

 40C72D

 86C77D

 2FC719

 97C791

 1DC705

 A9C7A5

 18C700

 BAC7B9

 CCC7CC

 DDC7E0

 EFC7F4

 FFC7FF

Harmonies

Analogous

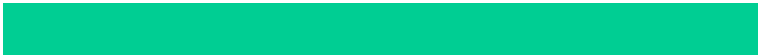
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFB927



63C755



00CE93

Triad

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



63C755



00C0FF



FF768F

Complementary

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



63C755



B955C7

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.



FF78D0



63C755



7CACFF

Square

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



63C755



00CCFF



E390FF



FF8A55

Rectangle

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



63C755



00D0BF



E390FF



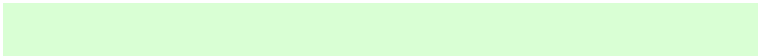
FF74A5

Sweetspot

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



63C755



D9FFD4



C7B855



698066



000000



808080

Same Dimension

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



63C755



65FF4F



55C77F



5B635A



14A300



042400

Inverse Universe

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



B955C7



E94FFF



C7559D



625A63



8F00A3



1F0024

Previews

White Background



This preview shows how the Hex color 63C755 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



This preview shows how the Hex color 63C755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

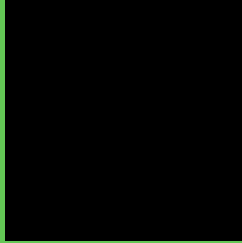
Any Text WCAG AA ✓ Pass

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 63C755 Background



This preview shows how black text looks on a background with the Hex color 63C755.

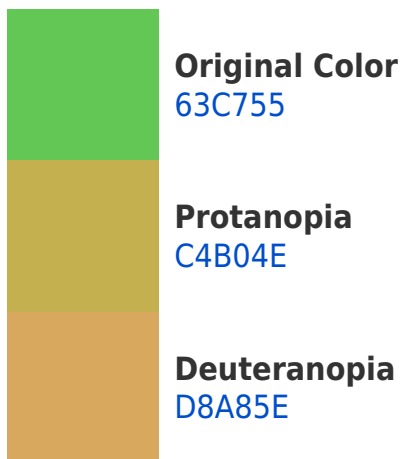


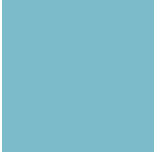
This preview shows how white text looks on a background with the Hex color 63C755.

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](#).

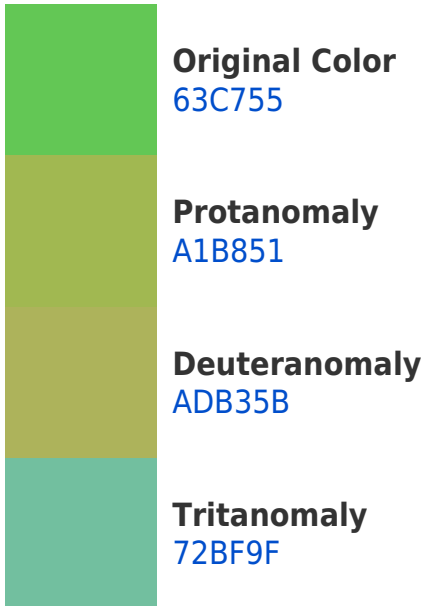
Dichromacy



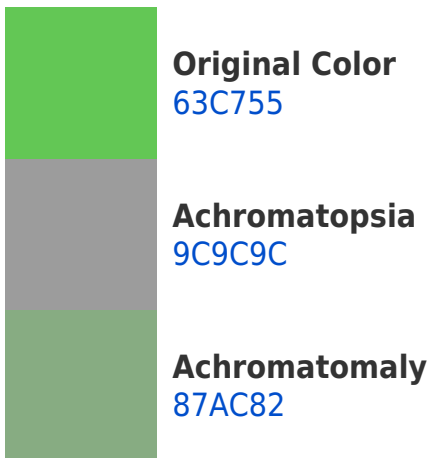


Tritanopia
7BBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63C755 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 #63C755 looks like.

```
.text, #text, p{  
    color:#63C755  
}
```

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 #63C755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C755
}
```

Border

The CSS property to change the border of an element to Hex 63C755 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
#63C755 }
```

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

```
.border{ border-color:#63C755 }
```

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

Here you see how a box with a 4 pixel #63C755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C755; -webkit-box-shadow:4px 4px  
4px 4px #63C755; box-shadow:4px 4px 4px  
4px #63C755 }
```

Background

The CSS property to change the background color of an element to Hex 63C755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C755 }
```

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

```
.background{ background-color:#63C755 }
```

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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