

Converting Colors

Hex(63C974)

Have a look what the booklet for
Hex(63C974) contains.

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Color

Hex(63C974)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 63C974 |
| RGB | 99, 201, 116 |
| RGB Percent | 39%, 79%, 45% |
| CMY | 0.6118, 0.2118, 0.5451 |
| CMYK | 0.51, 0.00, 0.42, 0.21 |
| HSL | 130°, 49%, 59% |
| HSV | 130°, 51%, 79% |
| XYZ | 29.1846, 45.6869, 23.8033 |
| YIQ | 160.8120, -33.5070, -48.0590 |

Conversions

Conversions Part 2

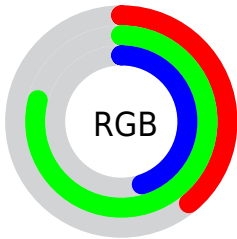
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 99, 186, 201 |
| Decimal | 6539636 |
| CIELab | 73.34, -47.77, 33.56 |
| CIELCh | 73, 58.382, 144.917 |
| Yxy | 45.6869, 0.2958, 0.4630 |
| Android (android.graphics.Color) | 4284729716 (0xFF63C974) |
| YUV | 160.8120, -22.0923, -54.2091 |
| Hunter-Lab | 67.5921, -41.2142, 26.4349 |

Details

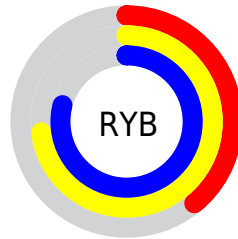
The Hex color **63C974** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C963B8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9CFFA9**, and **259242** is the 20% darker color. If you saturate the color by 10%, you get **4FC963**, and if you desaturate by 10%, it is **77C985**.

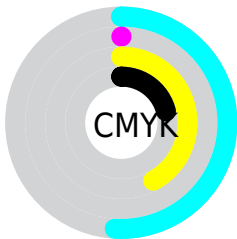
Distribution



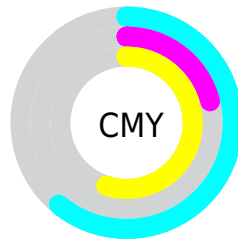
- Red (39%)
- Green (79%)
- Blue (45%)



- Red (39%)
- Yellow (73%)
- Blue (79%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (61%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63C974 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 63C974 by changing the saturation by 10% instead.

 63C974

 63C974

FFFFFF

 46AD5B

 9CFFA9

 259242

 B9FFC5

 00782A

 D6FFE1

 005E12

 F3FFFE

 004500

 002F00

 001400

 000000

 63C974

 63C974

 4FC963

 77C985

 3BC953

 8BC996

 27C942

 9FC9A6

 13C931

 B3C9B7

 00C921

 C8C9C8

 DCC9D9

 F0C9E9

 FFC9FA

 FFC9FF

Harmonies

Analogous

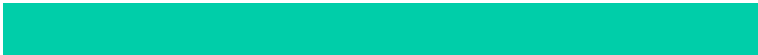
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BE4E



63C974



00CEA9

Triad

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



63C974



02BDFE



FF898A

Complementary

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



63C974



C963B8

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.



FF86C0



63C974



A8AAFF

Square

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



63C974



00C9FF



ED94F2



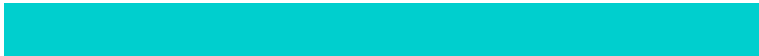
FF9A5D

Rectangle

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



63C974



00CFCE



ED94F2



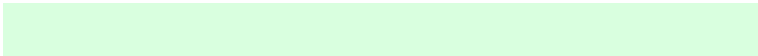
FF869B

Sweetspot

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



63C974



D9FFDF



B8C963



69806C



000000



808080

Same Dimension

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



63C974



63FF7D



63C9A7



5A635B



00A31B



002406

Inverse Universe

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



C963B8



FF63E5



C96385



635A62



A30088



24001E

Previews

White Background



This preview shows how the Hex color 63C974 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 63C974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

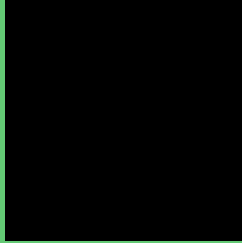
Any Text WCAG AA ✓ Pass

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 63C974 Background



This preview shows how black text looks on a background with the Hex color 63C974.

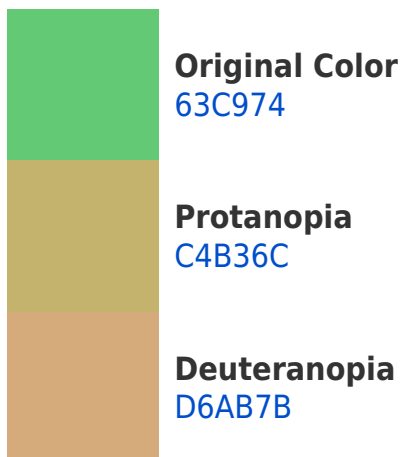


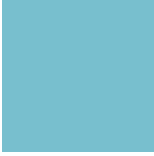
This preview shows how white text looks on a background with the Hex color 63C974.

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
78BFCE

Trichromacy



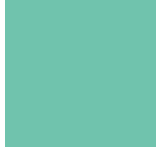
Original Color
63C974



Protanomaly
A1BB6F



Deuteranomaly
ACB678



Tritanomaly
70C3AD

Monochromacy



Original Color
63C974



Achromatopsia
A1A1A1



Achromatomaly
8AB091

CSS Examples

Text

The CSS property to change the color of the text to Hex 63C974 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 #63C974 looks like.

```
.text, #text, p{  
    color:#63C974  
}
```

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 #63C974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C974
}
```

Border

The CSS property to change the border of an element to Hex 63C974 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
#63C974 }
```

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

```
.border{ border-color:#63C974 }
```

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

Here you see how a box with a 4 pixel #63C974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C974; -webkit-box-shadow:4px 4px  
4px 4px #63C974; box-shadow:4px 4px 4px  
4px #63C974 }
```

Background

The CSS property to change the background color of an element to Hex 63C974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C974 }
```

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

```
.background{ background-color:#63C974 }
```

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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