

Converting Colors

Hex(63BF74)

Have a look what the booklet for
Hex(63BF74) contains.

Hex(63BF74)	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(63BF74)

Conversions

Conversions Part 1

Format	Color
Hex	63BF74
RGB	99, 191, 116
RGB Percent	39%, 75%, 45%
CMY	0.6118, 0.2510, 0.5451
CMYK	0.48, 0.00, 0.39, 0.25
HSL	131°, 42%, 57%
HSV	131°, 48%, 75%
XYZ	26.9288, 41.1752, 23.0513
YIQ	154.9420, -30.7570, -42.8290

Conversions

Conversions Part 2

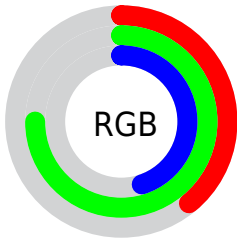
Format	Color
RYB	99, 177, 191
Decimal	6537076
CIELab	70.30, -43.58, 29.59
CIELCh	70, 52.678, 145.825
Yxy	41.1752, 0.2954, 0.4517
Android (android.graphics.Color)	4284727156 (0xFF63BF74)
YUV	154.9420, -19.1984, -49.0611
Hunter-Lab	64.1679, -37.3843, 23.6185

Details

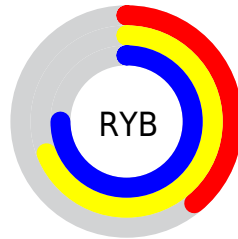
The Hex color **63BF74** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF63AE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9BF8A9**, and **298943** is the 20% darker color. If you saturate the color by 10%, you get **50BF64**, and if you desaturate by 10%, it is **76BF84**.

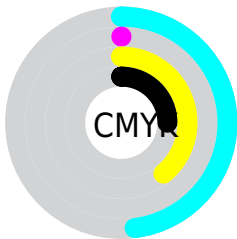
Distribution



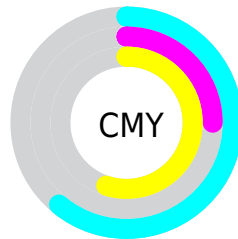
- Red (39%)
- Green (75%)
- Blue (45%)



- Red (39%)
- Yellow (69%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BF74 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 63BF74 by changing the saturation by 10% instead.



63BF74



63BF74

FFFFFF



47A35B



9BF8A9



298943



B7FFC4



006F2B



D4FFE0



005614



F1FFFD



003D00



002800



000200



000000



63BF74



63BF74

 50BF64

 76BF84

 3DBF55

 89BF93

 2ABF45

 9CBFA3

 17BF36

 AFBFB2

 03BF26

 C3BFC2

 00BF23

 D6bfd1

 E9BFE1

 FCBFF1

 FFBFFF

Harmonies

Analogous

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



9EB652



63BF74



00C4A3

Triad

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



63BF74



3AB3FF



FF8685

Complementary

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



63BF74



BF63AE

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.



FF83B5



63BF74



A4A2FF

Square

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



63BF74



00BEFA



E18FE2



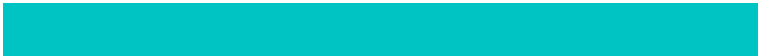
F1955E

Rectangle

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



63BF74



00C4C4



E18FE2



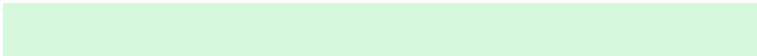
FF8494

Sweetspot

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



63BF74



D5F7DB



AEBF63



687D6C



FCFCFC



7D7D7D

Same Dimension

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



63BF74



68F782



63BFA2



555E57



009E1D



001F06

Inverse Universe

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



BF63AE



F768DD



BF6380



5E555D



9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 63BF74 looks on a white background.

Color Contrast Check

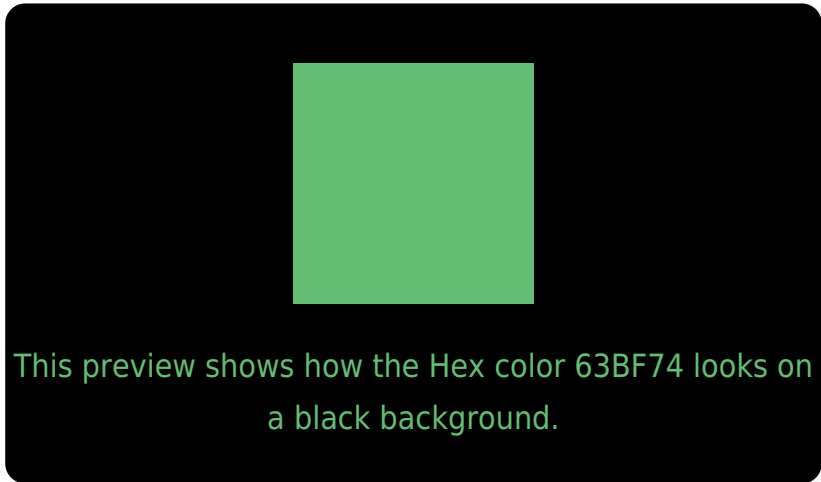
Large Text (above 18pt) WCAG AA × Fail

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

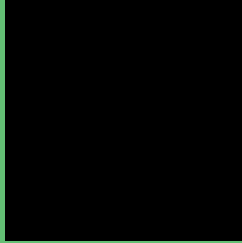
Any Text WCAG AA ✓ Pass

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 63BF74 Background



This preview shows how black text looks on a background with the Hex color 63BF74.

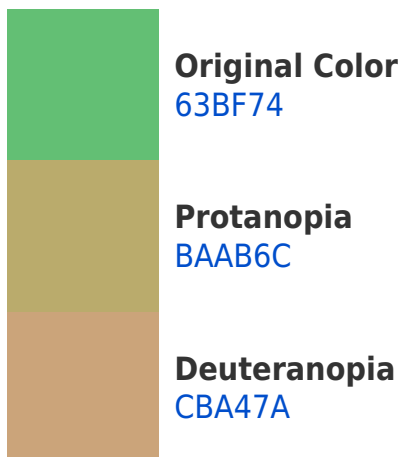


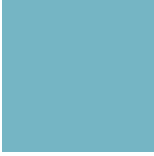
This preview shows how white text looks on a background with the Hex color 63BF74.

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](#).

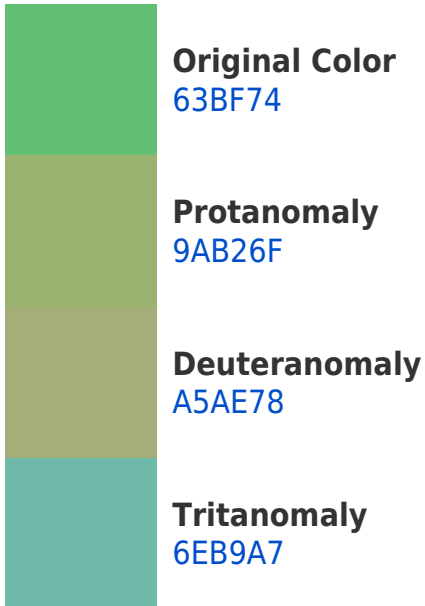
Dichromacy



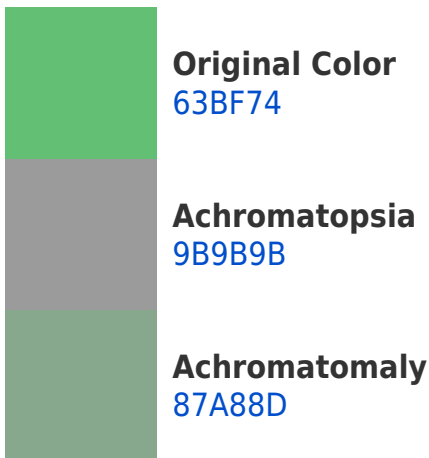


Tritanopia
75B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BF74 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 #63BF74 looks like.

```
.text, #text, p{  
    color:#63BF74  
}
```

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 #63BF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BF74
}
```

Border

The CSS property to change the border of an element to Hex 63BF74 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
#63BF74 }
```

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

```
.border{ border-color:#63BF74 }
```

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

Here you see how a box with a 4 pixel #63BF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BF74; -webkit-box-shadow:4px 4px  
4px 4px #63BF74; box-shadow:4px 4px 4px  
4px #63BF74 }
```

Background

The CSS property to change the background color of an element to Hex 63BF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BF74 }
```

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

```
.background{ background-color:#63BF74 }
```

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