

Converting Colors

Hex(63BF79)

Have a look what the booklet for
Hex(63BF79) contains.

Hex(63BF79)	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(63BF79)

Conversions

Conversions Part 1

Format	Color
Hex	63BF79
RGB	99, 191, 121
RGB Percent	39%, 75%, 47%
CMY	0.6118, 0.2510, 0.5255
CMYK	0.48, 0.00, 0.37, 0.25
HSL	134°, 42%, 57%
HSV	134°, 48%, 75%
XYZ	27.2276, 41.2947, 24.6248
YIQ	155.5120, -32.3620, -41.2740

Conversions

Conversions Part 2

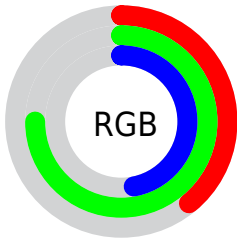
Format	Color
RYB	99, 173, 191
Decimal	6537081
CIELab	70.38, -42.73, 27.08
CIELCh	70, 50.590, 147.634
Yxy	41.2947, 0.2923, 0.4433
Android (android.graphics.Color)	4284727161 (0xFF63BF79)
YUV	155.5120, -17.0144, -49.5610
Hunter-Lab	64.2610, -36.8257, 22.2628

Details

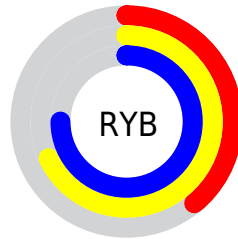
The Hex color **63BF79** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF63A9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9BF8AE**, and **298947** is the 20% darker color. If you saturate the color by 10%, you get **50BF6A**, and if you desaturate by 10%, it is **76BF88**.

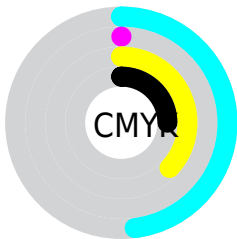
Distribution



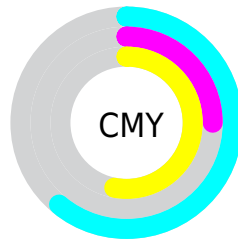
- Red (39%)
- Green (75%)
- Blue (47%)



- Red (39%)
- Yellow (68%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (37%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BF79 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 63BF79 by changing the saturation by 10% instead.

 63BF79

 63BF79


FFFFFF

 47A460

 9BF8AE

 298947

 B7FFC9

 006F30

 D4FFE6

 005619

 F1FFFF

 003D01

 002800

 000300

 000000

 63BF79

 63BF79

 50BF6A

 76BF88

 3DBF5C

 89BF96

 2ABF4D

 9CBFA5

 17BF3F

 AFBFB3

 03BF30

 C3BFC2

 00BF2E

 D6BFD0

 E9BFDF

 FCBFED

 FFBFFC

Harmonies

Analogous

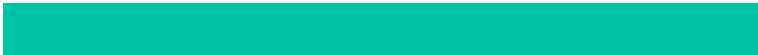
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DB657



63BF79



00C3A7

Triad

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



63BF79



4EB2FF



FF8984

Complementary

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



63BF79



BF63A9

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.



FE86B2



63BF79



AAA2FE

Square

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



63BF79



00BDF9



E290DE



EE985F

Rectangle

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



63BF79



00C3C6



E290DE



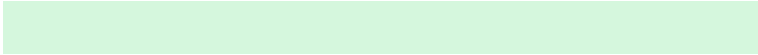
FF8693

Sweetspot

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



63BF79



D5F7DD



AABF63



687D6D



FCFCFC



7D7D7D

Same Dimension

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



63BF79



68F78A



63BFA6



555E57



009E26



001F07

Inverse Universe

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



BF63A9



F768D5



BF637C



5E555C



9E0078



1F0017

Previews

White Background



This preview shows how the Hex color 63BF79 looks on a white background.

Color Contrast Check

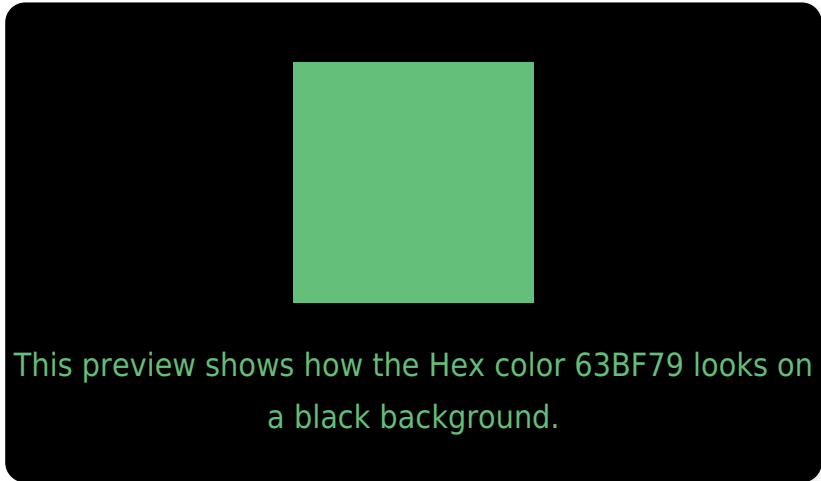
Large Text (above 18pt) WCAG AA × Fail

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

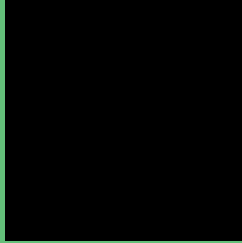
Any Text WCAG AA ✓ Pass

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 63BF79 Background



This preview shows how black text looks on a background with the Hex color 63BF79.

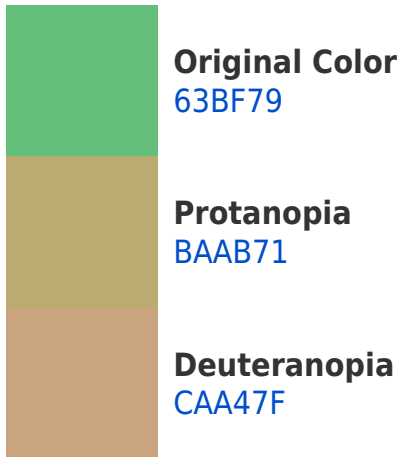


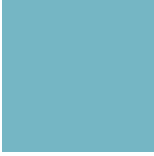
This preview shows how white text looks on a background with the Hex color 63BF79.

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](#).

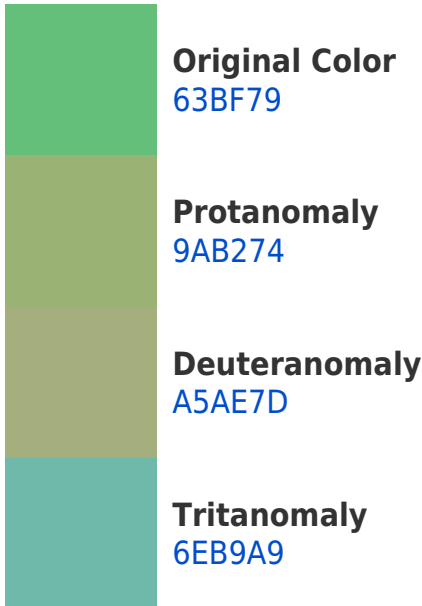
Dichromacy



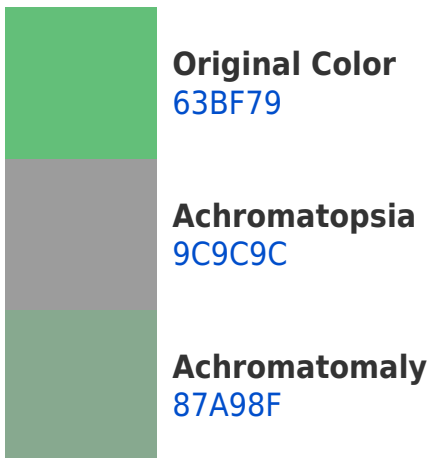


Tritanopia
75B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BF79 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 #63BF79 looks like.

```
.text, #text, p{  
    color:#63BF79  
}
```

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 #63BF79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BF79
}
```

Border

The CSS property to change the border of an element to Hex 63BF79 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
#63BF79 }
```

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

```
.border{ border-color:#63BF79 }
```

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

Here you see how a box with a 4 pixel #63BF79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BF79; -webkit-box-shadow:4px 4px  
4px 4px #63BF79; box-shadow:4px 4px 4px  
4px #63BF79 }
```

Background

The CSS property to change the background color of an element to Hex 63BF79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BF79 }
```

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

```
.background{ background-color:#63BF79 }
```

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