

Converting Colors

Hex(61C9A3)

Have a look what the booklet for
Hex(61C9A3) contains.

Hex(61C9A3)	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(61C9A3)

Conversions

Conversions Part 1

Format	Color
Hex	61C9A3
RGB	97, 201, 163
RGB Percent	38%, 79%, 64%
CMY	0.6196, 0.2118, 0.3608
CMYK	0.52, 0.00, 0.19, 0.21
HSL	158°, 49%, 58%
HSV	158°, 52%, 79%
XYZ	32.4273, 46.9590, 42.0052
YIQ	165.5720, -49.7860, -33.8660

Conversions

Conversions Part 2

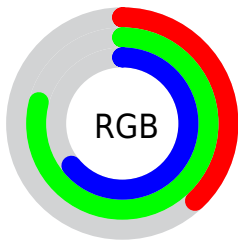
Format	Color
RYB	97, 161, 201
Decimal	6408611
CIELab	74.16, -39.26, 9.86
CIElCh	74, 40.479, 165.902
Yxy	46.9590, 0.2671, 0.3868
Android (android.graphics.Color)	4284598691 (0xFF61C9A3)
YUV	165.5720, -1.2680, -60.1376
Hunter-Lab	68.5267, -35.4542, 11.6253

Details

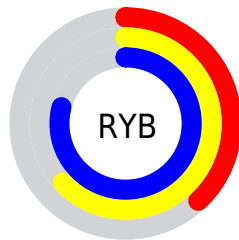
The Hex color **61C9A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C96187**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **9AFFDA**, and **22926F** is the 20% darker color. If you saturate the color by 10%, you get **4DC99C**, and if you desaturate by 10%, it is **75C9AA**.

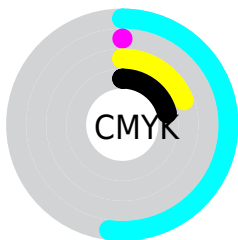
Distribution



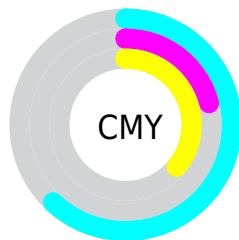
- Red (38%)
- Green (79%)
- Blue (64%)



- Red (38%)
- Yellow (63%)
- Blue (79%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)



- Cyan (62%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C9A3 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 61C9A3 by changing the saturation by 10% instead.

 61C9A3

 61C9A3

FFFFFF

 44AD89

 9AFFDA

 22926F

 B7FFF6

 007857

 D4FFFF

 005F40

 F2FFFF

 00462A

 002F15

 001700

 000000

 61C9A3

 61C9A3

 4DC99C

 75C9AA

 39C994

 89C9B2

 25C98D

 9DC9B9

 11C986

 B1C9C0

 00C980

 C6C9C8

 DAC9CF

 EEC9D6

 FFC9DE

 FFC9E5

Harmonies

Analogous

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



91C481



61C9A3



25CAC9

Triad

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



61C9A3



A0B3FE



F6A183

Complementary

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



61C9A3



C96187

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.



FF9AA4



61C9A3



D3A6EA

Square

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



61C9A3



60BFFE



F49BC9



DEAE6E

Rectangle

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



61C9A3



00C9E1



F49BC9



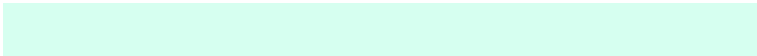
FB9E8D

Sweetspot

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



61C9A3



D6FFF0



87C961



678077



000000



808080

Same Dimension

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



61C9A3



61FFC5



61BBC9



5A6360



00A368



002417

Inverse Universe

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



C96187



FF619B



C96F61



635A5D



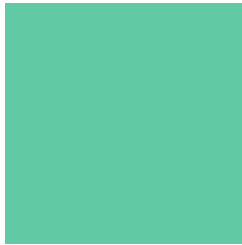
A3003C



24000D

Previews

White Background



This preview shows how the Hex color 61C9A3 looks on a white background.

Color Contrast Check

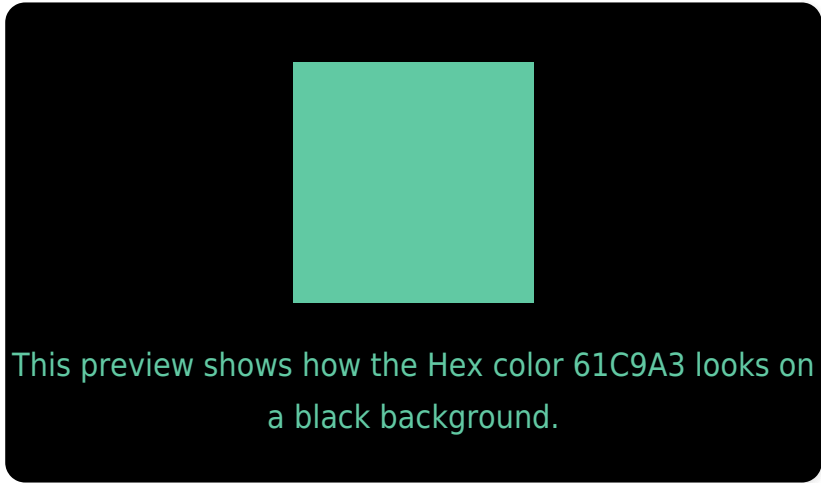
Large Text (above 18pt) WCAG AA × Fail

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

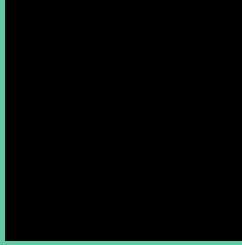
Any Text WCAG AA ✓ Pass

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 61C9A3 Background



This preview shows how black text looks on a background with the Hex color 61C9A3.

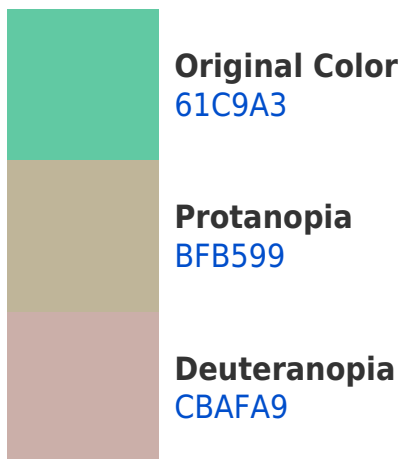


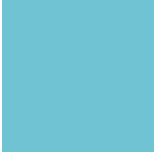
This preview shows how white text looks on a background with the Hex color 61C9A3.

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](#).

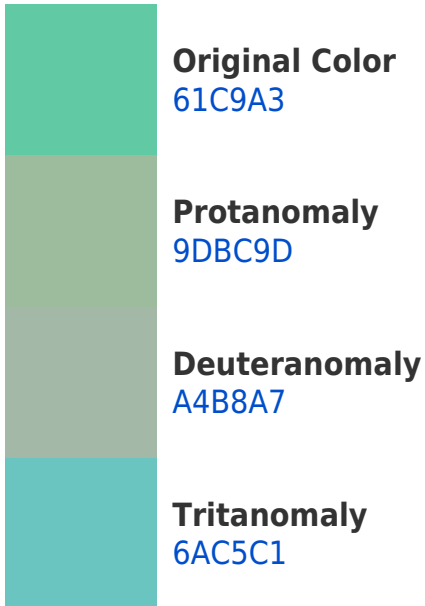
Dichromacy



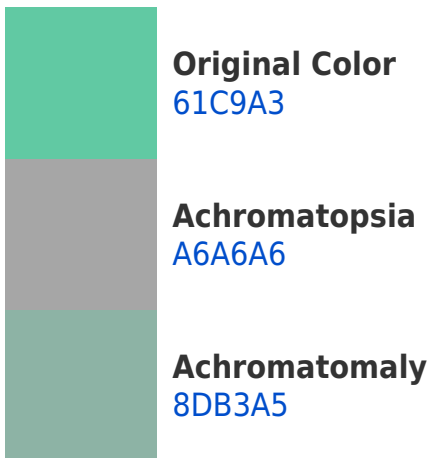


Tritanopia
6FC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61C9A3 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 #61C9A3 looks like.

```
.text, #text, p{  
    color:#61C9A3  
}
```

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 #61C9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C9A3
}
```

Border

The CSS property to change the border of an element to Hex 61C9A3 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
#61C9A3 }
```

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

```
.border{ border-color:#61C9A3 }
```

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

Here you see how a box with a 4 pixel #61C9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C9A3; -webkit-box-shadow:4px 4px  
4px 4px #61C9A3; box-shadow:4px 4px 4px  
4px #61C9A3 }
```

Background

The CSS property to change the background color of an element to Hex 61C9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C9A3 }
```

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

```
.background{ background-color:#61C9A3 }
```

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