

Converting Colors

Hex(61B3A3)

Have a look what the booklet for
Hex(61B3A3) contains.

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Color

Hex(61B3A3)

Conversions

Conversions Part 1

Format	Color
Hex	61B3A3
RGB	97, 179, 163
RGB Percent	38%, 70%, 64%
CMY	0.6196, 0.2980, 0.3608
CMYK	0.46, 0.00, 0.09, 0.30
HSL	168°, 35%, 54%
HSV	168°, 46%, 70%
XYZ	27.6607, 37.4259, 40.4164
YIQ	152.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

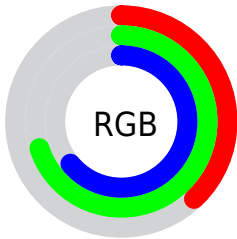
Format	Color
RYB	97, 142, 179
Decimal	6402979
CIELab	67.60, -28.98, 0.39
CIELCh	68, 28.984, 179.219
Yxy	37.4259, 0.2622, 0.3547
Android (android.graphics.Color)	4284593059 (0xFF61B3A3)
YUV	152.6580, 5.0986, -48.8121
Hunter-Lab	61.1767, -26.3515, 3.6538

Details

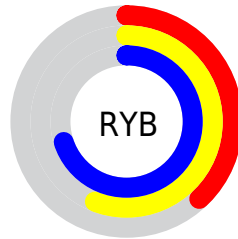
The Hex color **61B3A3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B36171**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **98EBDA**, and **287E6F** is the 20% darker color. If you saturate the color by 10%, you get **4FB3A0**, and if you desaturate by 10%, it is **73B3A6**.

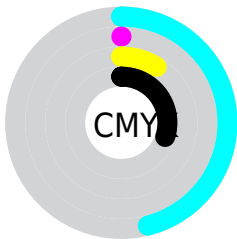
Distribution



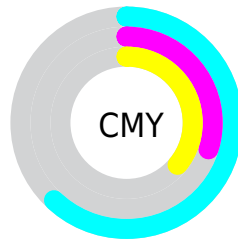
- Red (38%)
- Green (70%)
- Blue (64%)



- Red (38%)
- Yellow (56%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B3A3 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 61B3A3 by changing the saturation by 10% instead.



61B3A3



61B3A3

FFFFFF



459889



98EBDA



287E6F



B4FFF6



006457



D1FFFF



004C40



EEEFFF



00352A



002115



000000



61B3A3



61B3A3



4FB3A0



73B3A6

 3DB39C

 85B3AA

 2BB399

 97B3AD

 19B395

 A9B3B1

 08B392

 BBB3B4

 00B390

 CCB3B8

 DEB3BB

 F0B3BF

 FFB3C2

Harmonies

Analogous

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



7EB089



61B3A3



51B2BD

Triad

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



61B3A3



A79ED2



CD9A79

Complementary

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



61B3A3



B36171

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.



D8938C



61B3A3



C596C0

Square

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



61B3A3



82A7D8



D691A6



B8A370

Rectangle

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



61B3A3



57B0CB



D691A6



D2977E

Sweetspot

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



61B3A3



C8E8E2



71B361



617571



F5F5F5



757575

Same Dimension

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



61B3A3



68E8CF



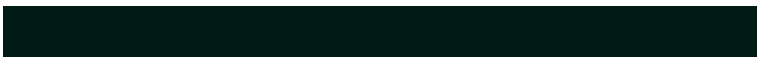
619AB3



505958



00997B



001A15

Inverse Universe

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



B36171



E86881



B37A61



595052



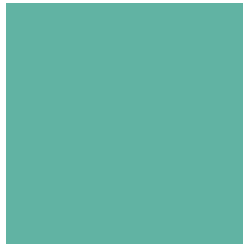
99001E



1A0005

Previews

White Background



This preview shows how the Hex color 61B3A3 looks on a white background.

Color Contrast Check

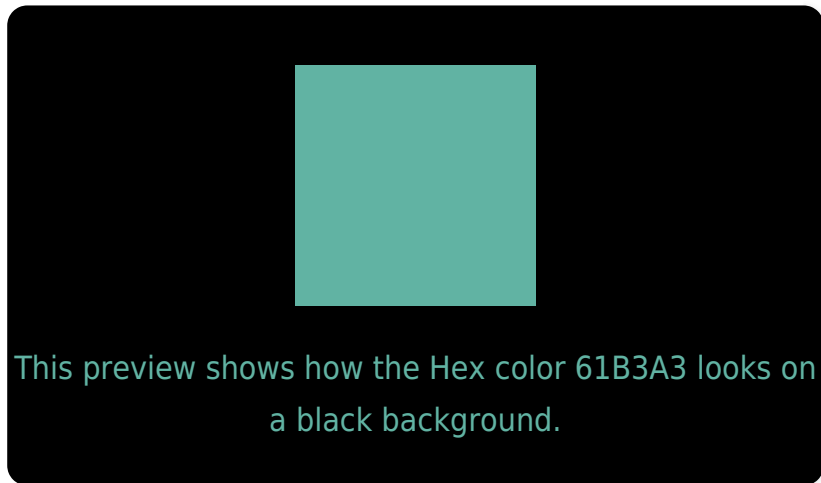
Large Text (above 18pt) WCAG AA × Fail

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

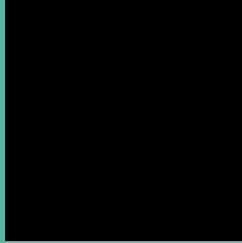
Any Text WCAG AA ✓ Pass

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 61B3A3 Background



This preview shows how black text looks on a background with the Hex color 61B3A3.

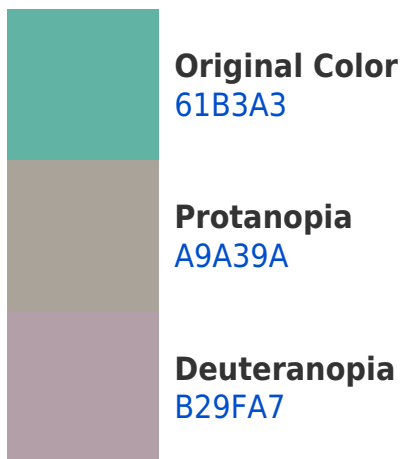


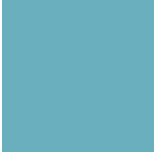
This preview shows how white text looks on a background with the Hex color 61B3A3.

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
69AFBD

Trichromacy



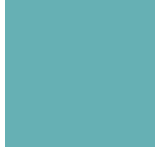
Original Color
61B3A3



Protanomaly
8FA99D



Deuteranomaly
95A6A6



Tritanomaly
66B0B4

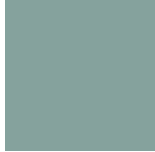
Monochromacy



Original Color
61B3A3



Achromatopsia
999999



Achromatomaly
85A29D

CSS Examples

Text

The CSS property to change the color of the text to Hex 61B3A3 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 #61B3A3 looks like.

```
.text, #text, p{  
    color:#61B3A3  
}
```

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 #61B3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B3A3
}
```

Border

The CSS property to change the border of an element to Hex 61B3A3 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
#61B3A3 }
```

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

```
.border{ border-color:#61B3A3 }
```

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

Here you see how a box with a 4 pixel #61B3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B3A3; -webkit-box-shadow:4px 4px  
4px 4px #61B3A3; box-shadow:4px 4px 4px  
4px #61B3A3 }
```

Background

The CSS property to change the background color of an element to Hex 61B3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B3A3 }
```

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

```
.background{ background-color:#61B3A3 }
```

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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