

Converting Colors

Hex(61B6A6)

Have a look what the booklet for
Hex(61B6A6) contains.

Hex(61B6A6)	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(61B6A6)

Conversions

Conversions Part 1

Format	Color
Hex	61B6A6
RGB	97, 182, 166
RGB Percent	38%, 71%, 65%
CMY	0.6196, 0.2863, 0.3490
CMYK	0.47, 0.00, 0.09, 0.29
HSL	169°, 37%, 55%
HSV	169°, 47%, 71%
XYZ	28.5406, 38.7505, 42.0517
YIQ	154.7610, -45.5240, -22.9960

Conversions

Conversions Part 2

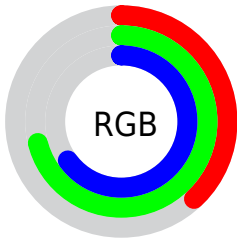
Format	Color
RYB	97, 144, 182
Decimal	6403750
CIELab	68.57, -29.71, 0.16
CIElCh	69, 29.706, 179.687
Yxy	38.7505, 0.2610, 0.3544
Android (android.graphics.Color)	4284593830 (0xFF61B6A6)
YUV	154.7610, 5.5408, -50.6564
Hunter-Lab	62.2499, -27.0976, 3.5227

Details

The Hex color **61B6A6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B66171**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **99EEDD**, and **278172** is the 20% darker color. If you saturate the color by 10%, you get **4FB6A3**, and if you desaturate by 10%, it is **73B6A9**.

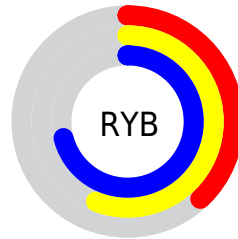
Distribution



Red (38%)

Green (71%)

Blue (65%)



Red (38%)

Yellow (56%)

Blue (71%)

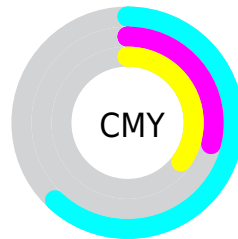


Cyan (47%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (62%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B6A6 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 61B6A6 by changing the saturation by 10% instead.

 61B6A6

 61B6A6

FFFFFF

 459B8C

 99EEDD

 278172

 B5FFFA

 00675A

 D2FFFF

 004F42

 EFFFFFF

 00372C

 002318

 000000

 61B6A6

 61B6A6

 4FB6A3

 73B6A9

 3DB69F

 85B6AD

 2AB69C

 98B6B0

 18B698

 AAB6B4

 06B695

 BCB6B7

 00B694

 CEB6BB

 E0B6BE

 F3B6C1

 FFB6C5

Harmonies

Analogous

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



7FB38B



61B6A6



50B5C1

Triad

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



61B6A6



ABA0D6



D09C7A

Complementary

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



61B6A6



B66171

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.



DC958E



61B6A6



C998C3

Square

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



61B6A6



84AADC



DA93A9



BAA571

Rectangle

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



61B6A6



57B3CF



DA93A9



D69A7F

Sweetspot

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



61B6A6



CCEDE7



72B661



637874



F7F7F7



787878

Same Dimension

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



61B6A6



68EDD4



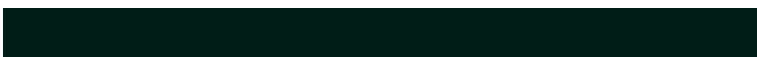
619CB6



535C5A



009C7E



001C17

Inverse Universe

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



B66171



ED6881



B67B61



5C5354



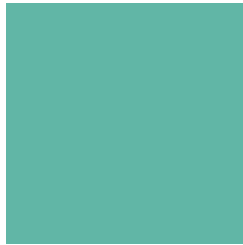
9C001D



1C0005

Previews

White Background



This preview shows how the Hex color 61B6A6 looks on a white background.

Color Contrast Check

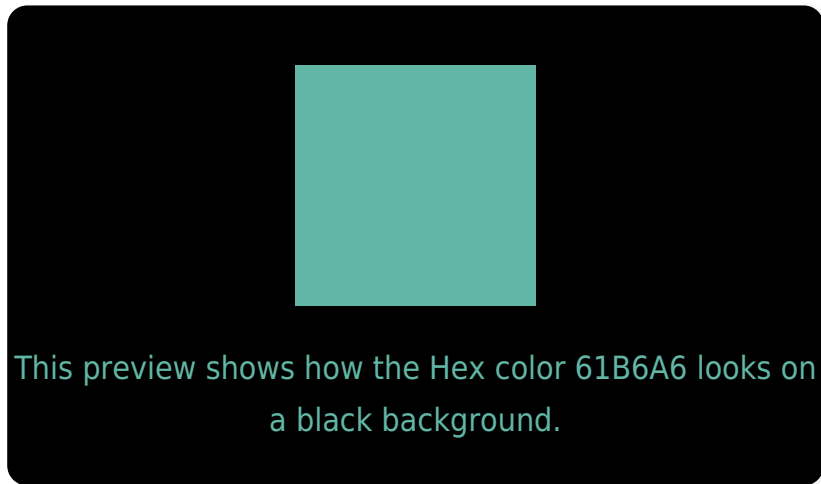
Large Text (above 18pt) WCAG AA × Fail

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

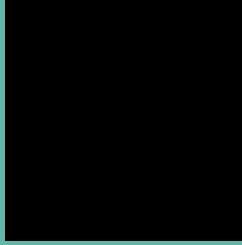
Any Text WCAG AA ✓ Pass

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 61B6A6 Background



This preview shows how black text looks on a background with the Hex color 61B6A6.

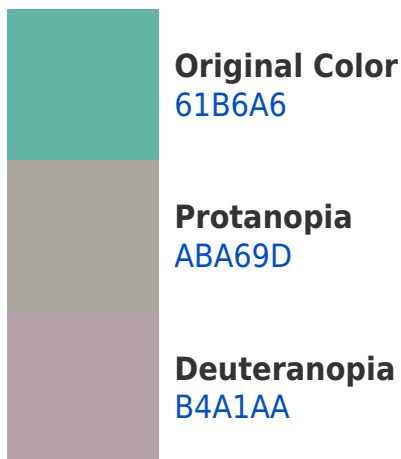


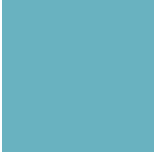
This preview shows how white text looks on a background with the Hex color 61B6A6.

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](#).

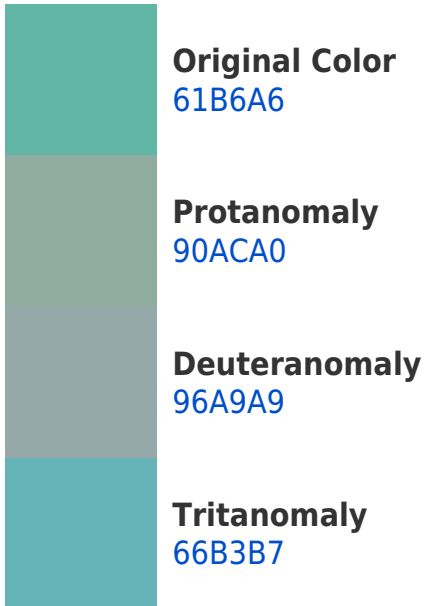
Dichromacy



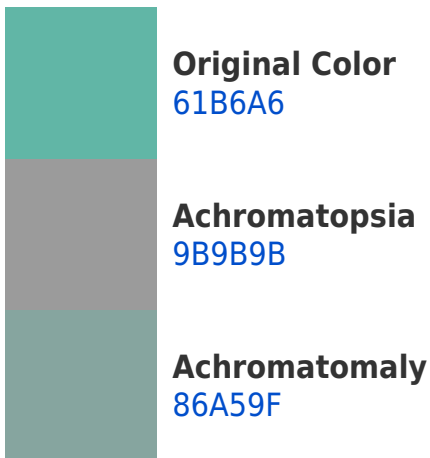


Tritanopia
69B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B6A6 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 #61B6A6 looks like.

```
.text, #text, p{  
    color:#61B6A6  
}
```

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 #61B6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B6A6
}
```

Border

The CSS property to change the border of an element to Hex 61B6A6 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
#61B6A6 }
```

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

```
.border{ border-color:#61B6A6 }
```

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

Here you see how a box with a 4 pixel #61B6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B6A6; -webkit-box-shadow:4px 4px  
4px 4px #61B6A6; box-shadow:4px 4px 4px  
4px #61B6A6 }
```

Background

The CSS property to change the background color of an element to Hex 61B6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B6A6 }
```

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

```
.background{ background-color:#61B6A6 }
```

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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