

Converting Colors

Hex(61B5B5)

Have a look what the booklet for
Hex(61B5B5) contains.

Hex(61B5B5)	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(61B5B5)

Conversions

Conversions Part 1

Format	Color
Hex	61B5B5
RGB	97, 181, 181
RGB Percent	38%, 71%, 71%
CMY	0.6196, 0.2902, 0.2902
CMYK	0.46, 0.00, 0.00, 0.29
HSL	180°, 36%, 55%
HSV	180°, 46%, 71%
XYZ	29.7941, 38.9253, 49.6591
YIQ	155.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

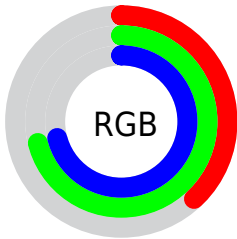
Format	Color
RYB	97, 139, 181
Decimal	6403509
CIELab	68.70, -25.42, -7.92
CIElCh	69, 26.627, 197.302
Yxy	38.9253, 0.2517, 0.3288
Android (android.graphics.Color)	4284593589 (0xFF61B5B5)
YUV	155.8840, 12.3822, -51.6413
Hunter-Lab	62.3902, -23.9410, -3.5184

Details

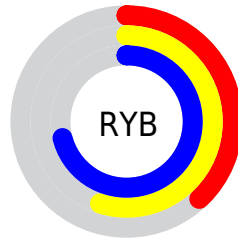
The Hex color **61B5B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B56161**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **99EDED**, and **258080** is the 20% darker color. If you saturate the color by 10%, you get **4FB5B5**, and if you desaturate by 10%, it is **73B5B5**.

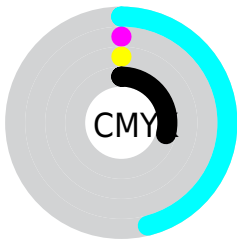
Distribution



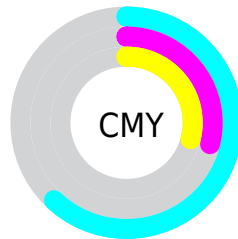
- Red (38%)
- Green (71%)
- Blue (71%)



- Red (38%)
- Yellow (55%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)





- Cyan (62%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B5B5 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 61B5B5 by changing the saturation by 10% instead.

 61B5B5

 61B5B5


FFFFFF

 459A9A

 99EDED

 258080

 B6FFFF

 006667

 D2FFFF

 004E4F

 F0FFFF

 003738

 002223

 00010D

 000000

 61B5B5

 61B5B5

 4FB5B5

 73B5B5

 3DB5B5

 85B5B5

 2BB5B5

 97B5B5

 19B5B5

 A9B5B5

 07B5B5

 BCB5B5

 00B5B5

 CEB5B5

 E0B5B5

 F2B5B5

 FFB5B5

Harmonies

Analogous

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



74B49C



61B5B5



62B2CA

Triad

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



61B5B5



BC9DC8



C2A379

Complementary

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



61B5B5



B56161

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.



D39B85



61B5B5



D197B3

Square

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



61B5B5



9DA5D5



D8969A



ABAA79

Rectangle

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



61B5B5



71AFD3



D8969A



C9A07C

Sweetspot

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



61B5B5



CAEBEB



61B561



617575



F5F5F5



757575

Same Dimension

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



61B5B5



67EBEB



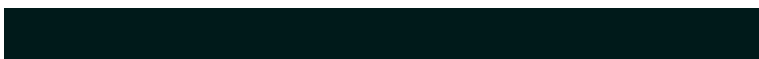
618BB5



505959



009999



001A1A

Inverse Universe

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



B561B5



EB67EB



B58B61



595059



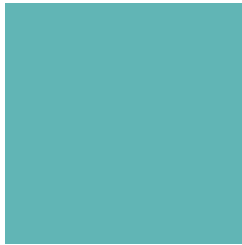
990099



1A001A

Previews

White Background



This preview shows how the Hex color 61B5B5 looks on a white background.

Color Contrast Check

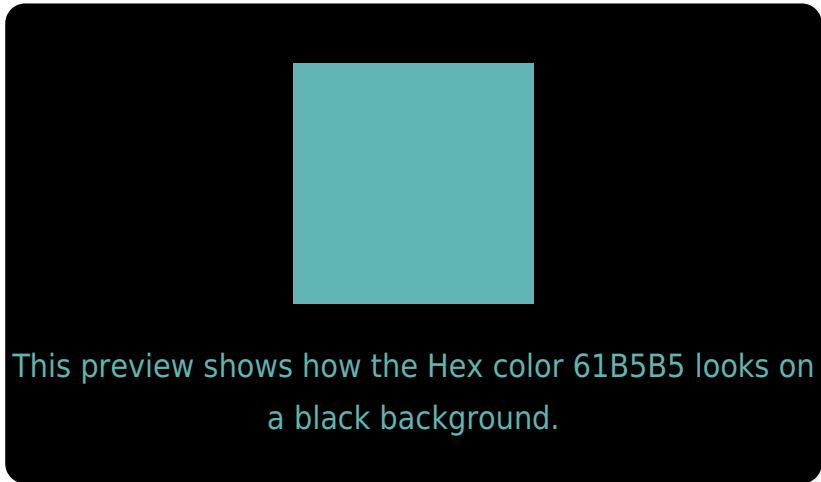
Large Text (above 18pt) WCAG AA × Fail

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

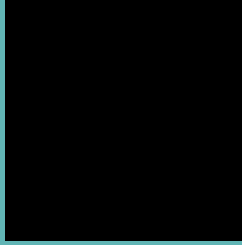
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

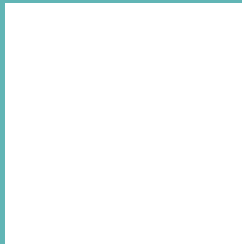
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 61B5B5 Background



This preview shows how black text looks on a background with the Hex color 61B5B5.

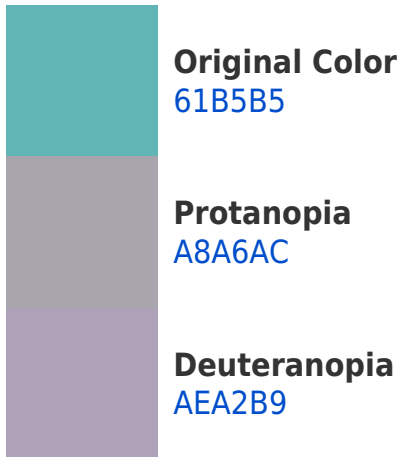


This preview shows how white text looks on a background with the Hex color 61B5B5.

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](#).

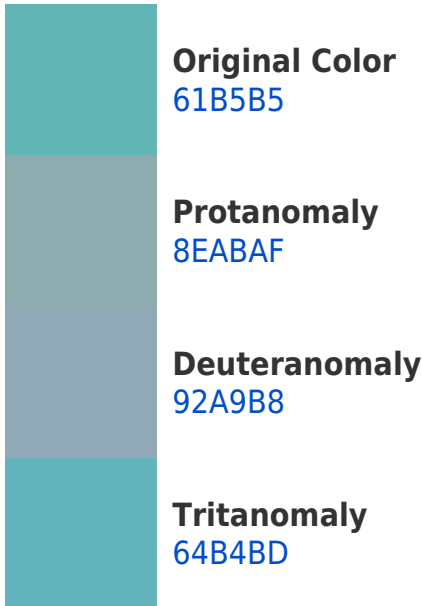
Dichromacy



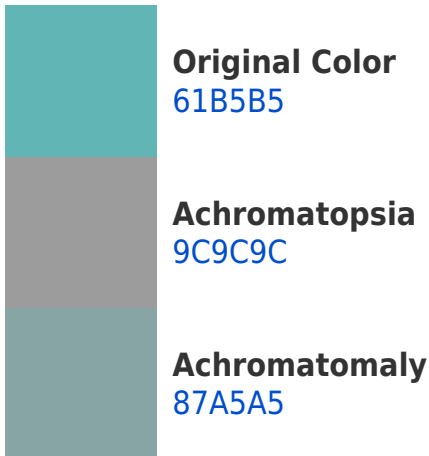


Tritanopia
65B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B5B5 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 #61B5B5 looks like.

```
.text, #text, p{  
    color:#61B5B5  
}
```

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 #61B5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B5B5
}
```

Border

The CSS property to change the border of an element to Hex 61B5B5 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
#61B5B5 }
```

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

```
.border{ border-color:#61B5B5 }
```

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

Here you see how a box with a 4 pixel #61B5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B5B5; -webkit-box-shadow:4px 4px  
4px 4px #61B5B5; box-shadow:4px 4px 4px  
4px #61B5B5 }
```

Background

The CSS property to change the background color of an element to Hex 61B5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B5B5 }
```

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

```
.background{ background-color:#61B5B5 }
```

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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