

# Converting Colors

Hex(61B4C4)

Have a look what the booklet for  
Hex(61B4C4) contains.

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# **Color**

**Hex(61B4C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B4C4
RGB	97, 180, 196
RGB Percent	38%, 71%, 77%
CMY	0.6196, 0.2941, 0.2314
CMYK	0.51, 0.08, 0.00, 0.23
HSL	190°, 46%, 57%
HSV	190°, 51%, 77%
XYZ	31.2148, 39.1694, 58.1398
YIQ	157.0070, -54.6040, -12.6200

# Conversions

## Conversions Part 2

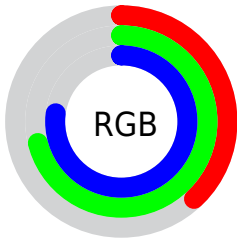
Format	Color
<b>RYB</b>	97, 142, 196
Decimal	6403268
CIELab	68.87, -20.87, -15.92
CIELCh	69, 26.249, 217.343
Yxy	39.1694, 0.2429, 0.3048
Android (android.graphics.Color)	4284593348 (0xFF61B4C4)
YUV	157.0070, 19.2235, -52.6261
Hunter-Lab	62.5855, -20.4968, -11.2686

# Details

The Hex color **61B4C4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C47161**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9AECFD**, and **237F8E** is the 20% darker color. If you saturate the color by 10%, you get **4DB1C4**, and if you desaturate by 10%, it is **75B7C4**.

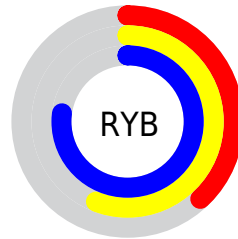
# Distribution



Red (38%)

Green (71%)

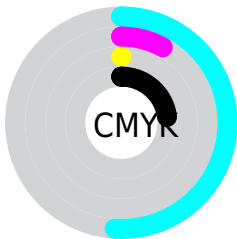
Blue (77%)



Red (38%)

Yellow (56%)

Blue (77%)

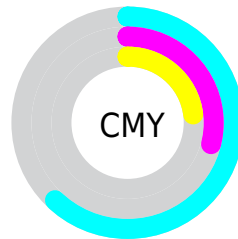


Cyan (51%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (62%)

Magenta (29%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61B4C4 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 61B4C4 by changing the saturation by 10% instead.



61B4C4

61B4C4

FFFFFF

4499A9

9AECFD

237F8E

B7FFFF

006675

D4FFFF

004E5C

F1FFFF

003644

00212E

00011A

000000

61B4C4

61B4C4

■ 4DB1C4

■ 75B7C4

■ 3AAEC4

■ 88BAC4

■ 26AAC4

■ 9CBEC4

■ 13A7C4

■ AFC1C4

■ 00A4C4

■ C3C4C4

■ D7C7C4

■ EACAC4

■ FECDC4

■ FFD1C4

# Harmonies

## Analogous

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



68B5AD



61B4C4



73AFD3

# Triad

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



61B4C4



CB99BB



B3A879

# Complementary

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



61B4C4



C47161

# 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.



C9A07D



61B4C4



D797A3

# Square

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



61B4C4



B3A0CE



D69A8C



99AF82

# Rectangle

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



61B4C4



87ABD7



D69A8C



BBA679

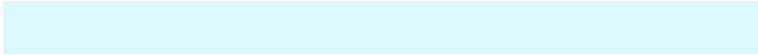


# Sweetspot

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



61B4C4



D9F9FF



61C470



697C80



000000



808080



# Same Dimension

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



61B4C4



63E6FF



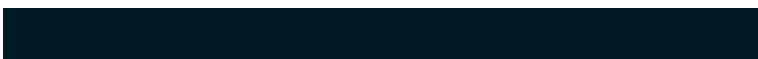
6184C4



575F61



0087A1



001C21



# Inverse Universe

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



C461B4



FF63E6



C4A161



61575F



A10087

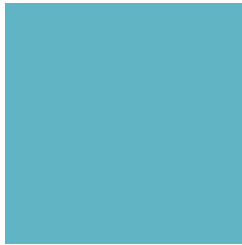


21001C



# Previews

## White Background



This preview shows how the Hex color 61B4C4 looks on a white background.

## Color Contrast Check

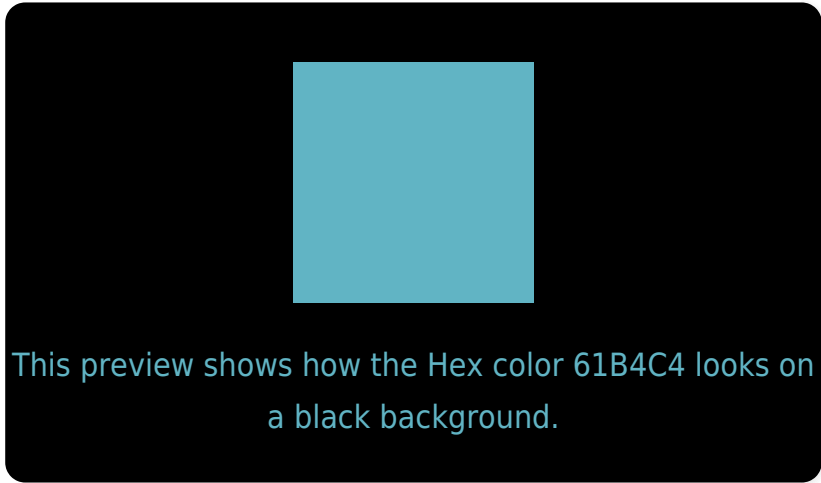
Large Text (above 18pt) WCAG AA × Fail

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

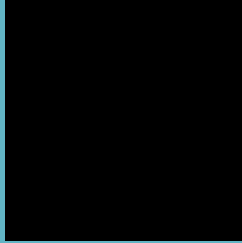
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61B4C4 Background



This preview shows how black text looks on a background with the Hex color 61B4C4.



This preview shows how white text looks on a background with the Hex color 61B4C4.

# 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](#).

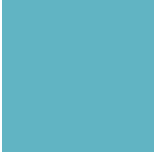
## Dichromacy



**Original Color**  
61B4C4

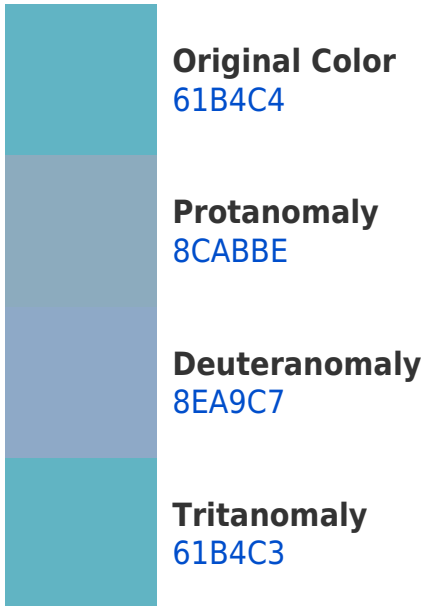
**Protanopia**  
A4A6BB

**Deuteranopia**  
A7A3C8

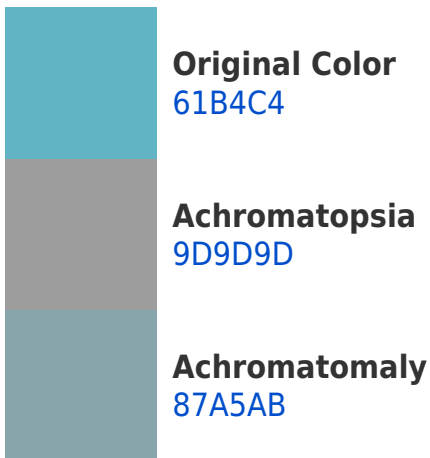


**Tritanopia**  
61B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61B4C4 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 #61B4C4 looks like.

```
.text, #text, p{  
    color:#61B4C4  
}
```

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 #61B4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B4C4
}
```

## Border

The CSS property to change the border of an element to Hex 61B4C4 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
#61B4C4 }
```

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

```
.border{ border-color:#61B4C4 }
```

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

Here you see how a box with a 4 pixel #61B4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B4C4; -webkit-box-shadow:4px 4px  
4px 4px #61B4C4; box-shadow:4px 4px 4px  
4px #61B4C4 }
```

# Background

The CSS property to change the background color of an element to Hex 61B4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B4C4 }
```

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

```
.background{ background-color:#61B4C4 }
```

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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