

# Converting Colors

Hex(61D1B7)

Have a look what the booklet for  
Hex(61D1B7) contains.

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**Color**

**Hex(61D1B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61D1B7
RGB	97, 209, 183
RGB Percent	38%, 82%, 72%
CMY	0.6196, 0.1804, 0.2824
CMYK	0.54, 0.00, 0.12, 0.18
HSL	166°, 55%, 60%
HSV	166°, 54%, 82%
XYZ	36.2775, 51.5612, 52.8400
YIQ	172.5480, -58.4060, -31.8300

# Conversions

## Conversions Part 2

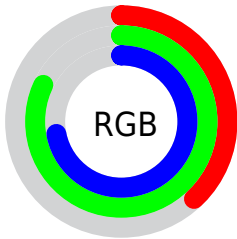
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 160, 209
Decimal	6410679
CIELab	77.02, -38.25, 3.21
CIElCh	77, 38.382, 175.207
Yxy	51.5612, 0.2579, 0.3665
Android (android.graphics.Color)	4284600759 (0xFF61D1B7)
YUV	172.5480, 5.1528, -66.2556
Hunter-Lab	71.8061, -35.4800, 6.6345

# Details

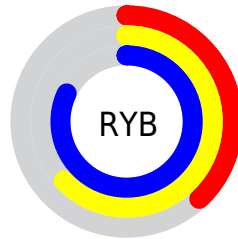
The Hex color **61D1B7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D1617B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9BFFEF**, and **1D9A82** is the 20% darker color. If you saturate the color by 10%, you get **4CD1B2**, and if you desaturate by 10%, it is **76D1BC**.

# Distribution



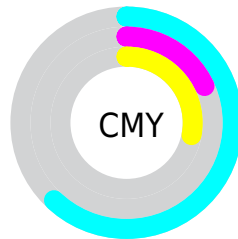
- Red (38%)
- Green (82%)
- Blue (72%)



- Red (38%)
- Yellow (63%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 61D1B7 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 61D1B7 by changing the saturation by 10% instead.



 61D1B7

 61D1B7


FFFFFF

 42B59C

 9BFFEF

 1D9A82

 B9FFFF

 007F69

 D6FFFF

 006651

 F4FFFF

 004D3A

 003525

 002110

 000000

 61D1B7

 61D1B7

 4CD1B2

 76D1BC

 37D1AD

 8BD1C1

 22D1A8

 A0D1C6

 0DD1A4

 B5D1CA

 00D1A0

 CAD1CF

 DED1D4

 F3D1D9

 FFD1DE

 FFD1E3

# Harmonies

## Analogous

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



8ECD94



61D1B7



3BD1DB

# Triad

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



61D1B7



BAB7FE



F6AE85

# Complementary

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



61D1B7



D1617B

# 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.



FFA5A2



61D1B7



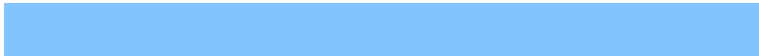
E6ABE7

# Square

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



61D1B7



83C3FF



FFA3C5



DBBA77

# Rectangle

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



61D1B7



3DCEEF



FFA3C5



FDAA8D

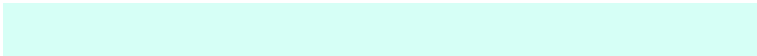


# Sweetspot

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



61D1B7



D6FFF6



7BD161



67807A



000000



808080



# Same Dimension

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



61D1B7



5CFFD9



61B3D1



5E6966



00A881



00291F



# Inverse Universe

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



D1617B



FF5C82



D17F61



695E61



A80027

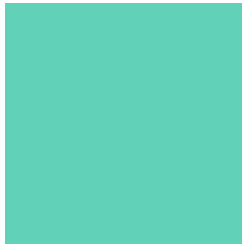


290009



# Previews

## White Background



This preview shows how the Hex color 61D1B7 looks on a white background.

## Color Contrast Check

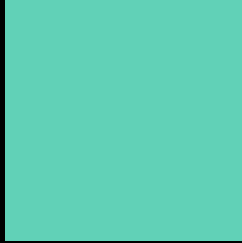
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 61D1B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

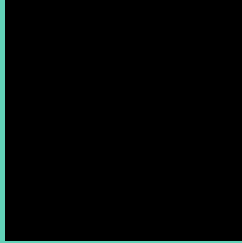
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

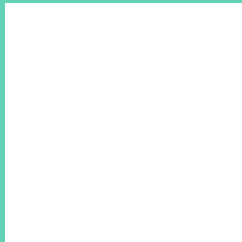
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61D1B7 Background



This preview shows how black text looks on a background with the Hex color 61D1B7.

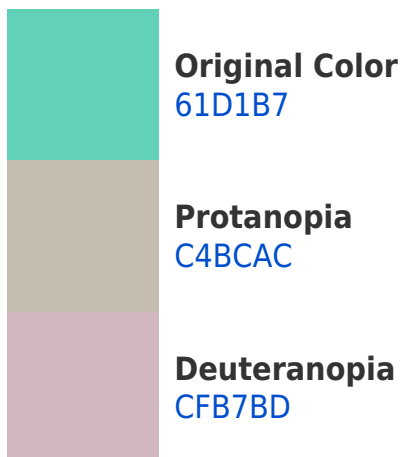


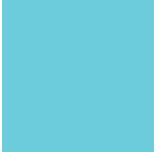
This preview shows how white text looks on a background with the Hex color 61D1B7.

# Color Blindness Simulation

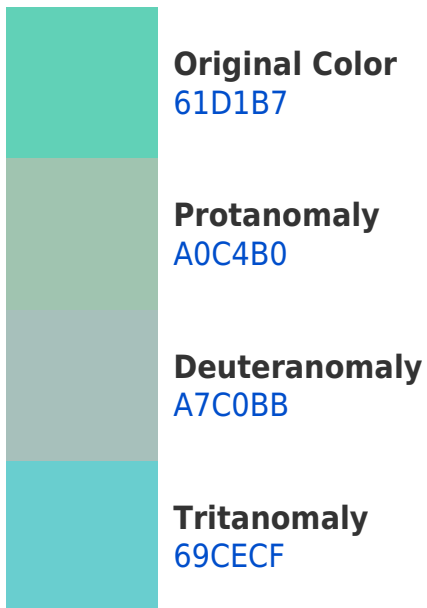
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

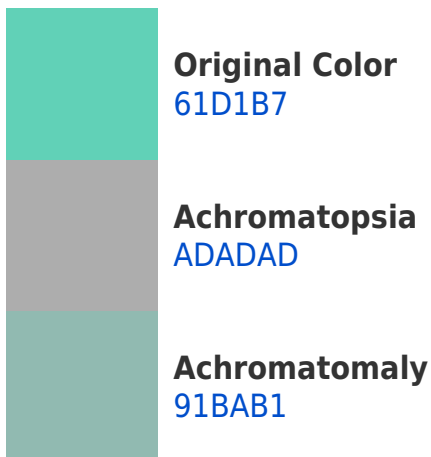




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61D1B7 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 #61D1B7 looks like.

```
.text, #text, p{  
    color:#61D1B7  
}
```

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 #61D1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D1B7
}
```

## Border

The CSS property to change the border of an element to Hex 61D1B7 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
#61D1B7 }
```

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

```
.border{ border-color:#61D1B7 }
```

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

Here you see how a box with a 4 pixel #61D1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D1B7; -webkit-box-shadow:4px 4px  
4px 4px #61D1B7; box-shadow:4px 4px 4px  
4px #61D1B7 }
```

# Background

The CSS property to change the background color of an element to Hex 61D1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D1B7 }
```

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

```
.background{ background-color:#61D1B7 }
```

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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