

# Converting Colors

Hex(61B776)

Have a look what the booklet for  
Hex(61B776) contains.

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**Color**

**Hex(61B776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B776
RGB	97, 183, 118
RGB Percent	38%, 72%, 46%
CMY	0.6196, 0.2824, 0.5373
CMYK	0.47, 0.00, 0.36, 0.28
HSL	135°, 37%, 55%
HSV	135°, 47%, 72%
XYZ	25.1333, 37.7164, 23.0949
YIQ	149.8760, -30.3910, -38.4470

# Conversions

## Conversions Part 2

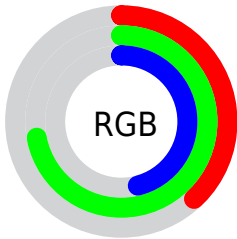
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 166, 183
Decimal	6403958
CIELab	67.81, -40.33, 25.23
CIElCh	68, 47.568, 147.971
Yxy	37.7164, 0.2924, 0.4388
Android (android.graphics.Color)	4284594038 (0xFF61B776)
YUV	149.8760, -15.7149, -46.3723
Hunter-Lab	61.4137, -34.4236, 20.6933

# Details

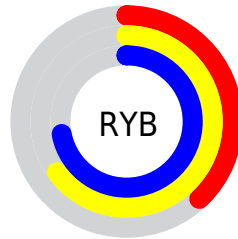
The Hex color **61B776** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B761A2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **98F0AB**, and **288145** is the 20% darker color. If you saturate the color by 10%, you get **4FB768**, and if you desaturate by 10%, it is **73B784**.

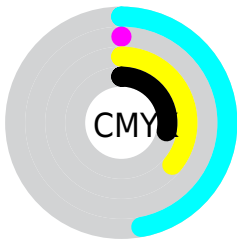
# Distribution



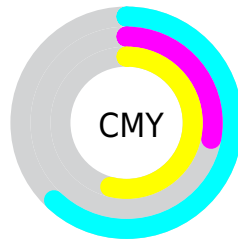
- Red (38%)
- Green (72%)
- Blue (46%)



- Red (38%)
- Yellow (65%)
- Blue (72%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)




- Cyan (62%)
- Magenta (28%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 61B776 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 61B776 by changing the saturation by 10% instead.



 61B776

 61B776


FFFFFF

 459C5D

 98F0AB

 288145

 B4FFC6

 00682E

 D1FFE2


 004F17

 EEEFFF

 003700

 002200

 000000

 61B776

 61B776

 4FB768

 73B784

 3CB75A

 86B792

 2AB74D

 98B79F

 18B73F

 AAB7AD

 05B731

 BCB7BB

 00B72D

 CFB7C9

 E1B7D7

 F3B7E5

 FFB7F2

# Harmonies

## Analogous

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



96AF57



61B776



00BBA1

# Triad

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



61B776



52ABFB



F5857F

# Complementary

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



61B776



B761A2

# 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.



F282AA



61B776



A49BF1

# Square

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



61B776



00B5ED



D88BD3



E3925D

# Rectangle

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



61B776



00BBBE



D88BD3



F7828D



# Sweetspot

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



61B776



CCEDD4



A3B761



637868



F7F7F7



787878



# Same Dimension

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



61B776



68ED89



61B7A0



535C55



009C26



001C07



# Inverse Universe

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



B761A2



ED68CD



B76178



5C535A



9C0076



1C0015



# Previews

## White Background



This preview shows how the Hex color 61B776 looks on a white background.

## Color Contrast Check

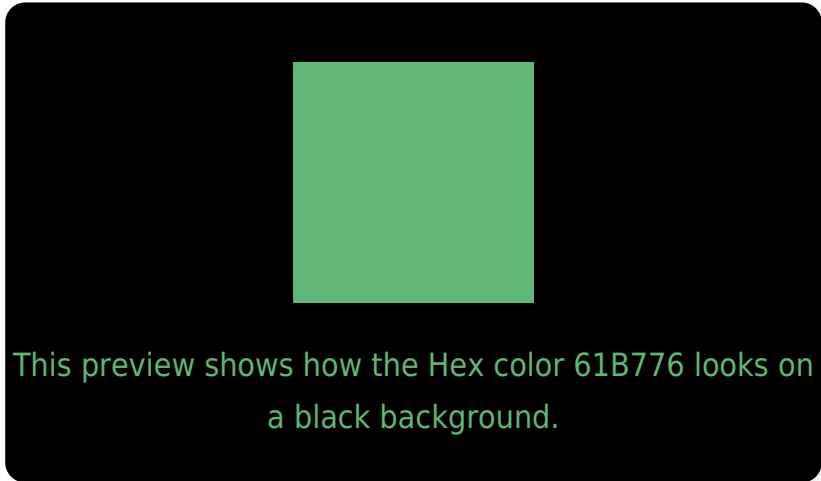
Large Text (above 18pt) WCAG AA × Fail

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

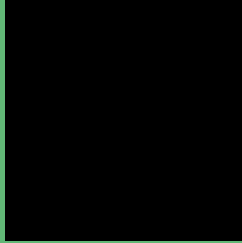
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61B776 Background



This preview shows how black text looks on a background with the Hex color 61B776.

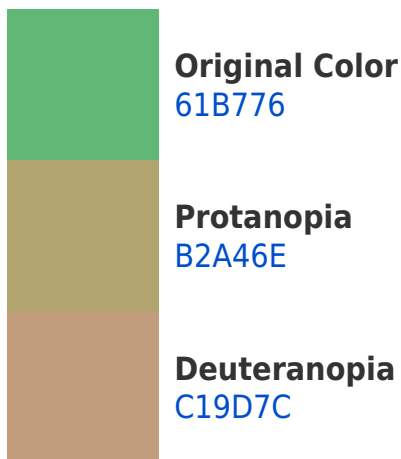


This preview shows how white text looks on a background with the Hex color 61B776.

# Color Blindness Simulation

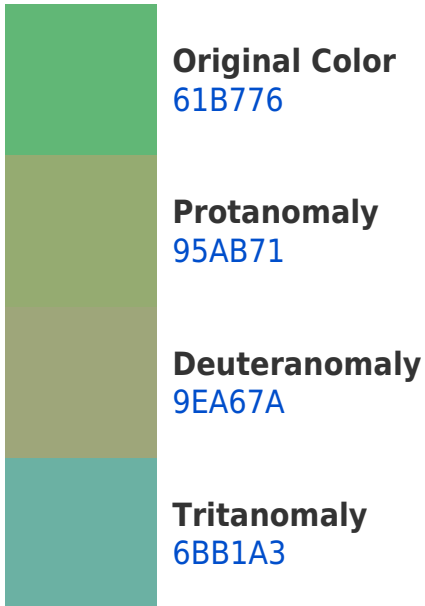
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

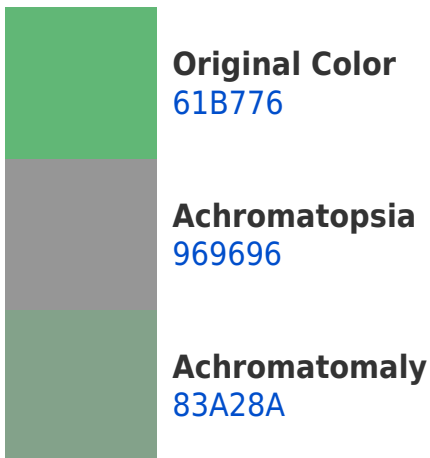




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61B776 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 #61B776 looks like.

```
.text, #text, p{  
    color:#61B776  
}
```

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 #61B776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B776
}
```

## Border

The CSS property to change the border of an element to Hex 61B776 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
#61B776 }
```

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

```
.border{ border-color:#61B776 }
```

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

Here you see how a box with a 4 pixel #61B776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B776; -webkit-box-shadow:4px 4px  
4px 4px #61B776; box-shadow:4px 4px 4px  
4px #61B776 }
```

# Background

The CSS property to change the background color of an element to Hex 61B776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B776 }
```

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

```
.background{ background-color:#61B776 }
```

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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