

# Converting Colors

Hex(61BAB5)

Have a look what the booklet for  
Hex(61BAB5) contains.

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# **Color**

**Hex(61BAB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61BAB5
RGB	97, 186, 181
RGB Percent	38%, 73%, 71%
CMY	0.6196, 0.2706, 0.2902
CMYK	0.48, 0.00, 0.03, 0.27
HSL	177°, 39%, 55%
HSV	177°, 48%, 73%
XYZ	30.8292, 40.9954, 50.0041
YIQ	158.8190, -51.4390, -20.4230

# Conversions

## Conversions Part 2

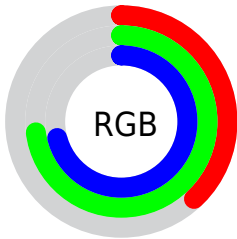
Format	Color
<b>RYB</b>	97, 143, 186
Decimal	6404789
CIELab	70.17, -27.89, -5.73
CIELCh	70, 28.476, 191.610
Yxy	40.9954, 0.2531, 0.3365
Android (android.graphics.Color)	4284594869 (0xFF61BAB5)
YUV	158.8190, 10.9352, -54.2153
Hunter-Lab	64.0276, -26.1011, -1.4848

# Details

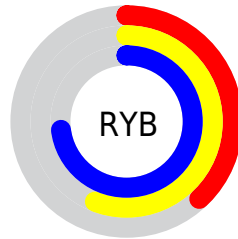
The Hex color **61BAB5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA6166**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **99F2ED**, and **248480** is the 20% darker color. If you saturate the color by 10%, you get **4EBAB4**, and if you desaturate by 10%, it is **74BAB6**.

# Distribution



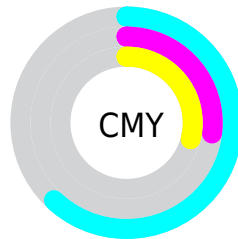
- Red (38%)
- Green (73%)
- Blue (71%)



- Red (38%)
- Yellow (56%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 61BAB5 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 61BAB5 by changing the saturation by 10% instead.



 61BAB5

 61BAB5

FFFFFF

 449F9A

 99F2ED

 248480

 B6FFFF

 006B67

 D3FFFF

 00524F

 F0FFFF

 003B38

 002523

 00020E

 000000

 61BAB5

 61BAB5

 4EBAB4

 74BAB6

 3CBAB3

 86BAB7

 29BAB2

 99BAB8

 17BAB1

 ABBAB9

 04BAB0

 BEBABA

 00BAB0

 D1BABB

 E3BABC

 F6BABD

 FFBABE

# Harmonies

## Analogous

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



79B99A



61BAB5



5DB8CD

# Triad

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



61BAB5



BCA1D2



CCA47B

# Complementary

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



61BAB5



BA6166

# 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.



DC9D8A



61BAB5



D59ABC

# Square

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



61BAB5



99ABDE



DF99A2



B4AD79

# Rectangle

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



61BAB5



6AB5D8



DF99A2



D2A27F



# Sweetspot

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



61BAB5



D0F2F0



67BA61



667A79



FAFAFA



7A7A7A



# Same Dimension

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



61BAB5



68F2EA



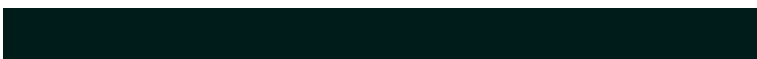
6193BA



535C5B



009C93



001C1A



# Inverse Universe

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



BA6166



F26870



BA8861



5C5353



9C0009

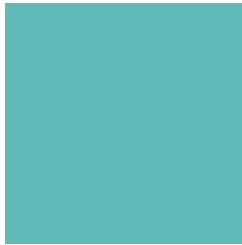


1C0002



# Previews

## White Background



This preview shows how the Hex color 61BAB5 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 61BAB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

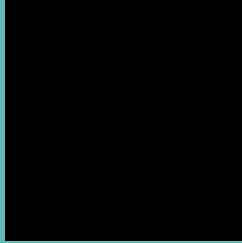
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61BAB5 Background



This preview shows how black text looks on a background with the Hex color 61BAB5.

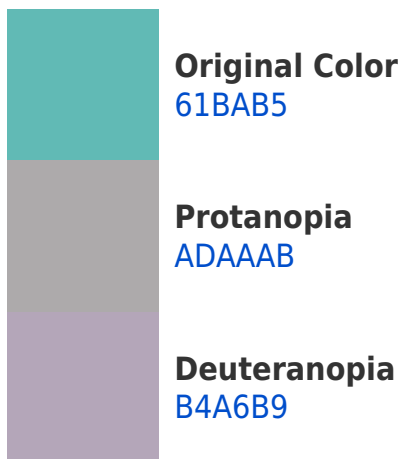


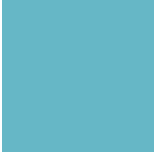
This preview shows how white text looks on a background with the Hex color 61BAB5.

# 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](#).

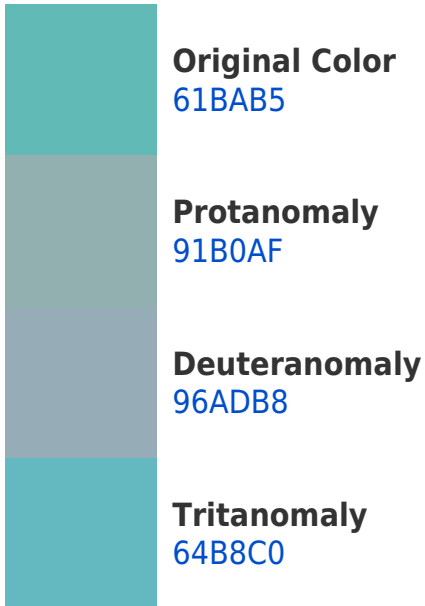
## Dichromacy



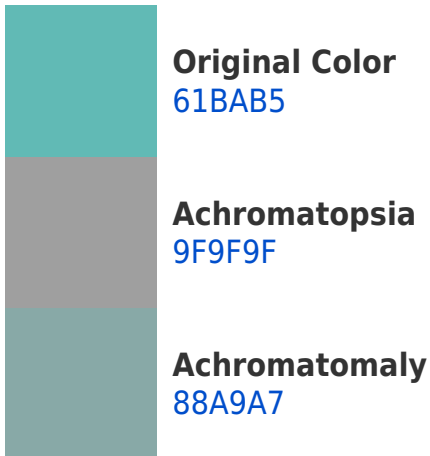


**Tritanopia**  
66B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61BAB5 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 #61BAB5 looks like.

```
.text, #text, p{  
    color:#61BAB5  
}
```

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 #61BAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BAB5  
}
```

## Border

The CSS property to change the border of an element to Hex 61BAB5 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  
#61BAB5 }
```

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

```
.border{ border-color:#61BAB5 }
```

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

Here you see how a box with a 4 pixel #61BAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BAB5; -webkit-box-shadow:4px 4px  
4px 4px #61BAB5; box-shadow:4px 4px 4px  
4px #61BAB5 }
```

# Background

The CSS property to change the background color of an element to Hex 61BAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BAB5 }
```

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

```
.background{ background-color:#61BAB5 }
```

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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