

# Converting Colors

Hex(62BDAB)

Have a look what the booklet for  
Hex(62BDAB) contains.

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**Color**

**Hex(62BDAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62BDAB
RGB	98, 189, 171
RGB Percent	38%, 74%, 67%
CMY	0.6157, 0.2588, 0.3294
CMYK	0.48, 0.00, 0.10, 0.26
HSL	168°, 41%, 56%
HSV	168°, 48%, 74%
XYZ	30.5853, 41.9321, 45.0098
YIQ	159.7390, -48.4580, -24.8900

# Conversions

## Conversions Part 2

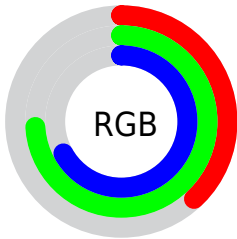
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 148, 189
Decimal	6471083
CIELab	70.82, -31.61, 0.71
CIElCh	71, 31.618, 178.712
Yxy	41.9321, 0.2602, 0.3568
Android (android.graphics.Color)	4284661163 (0xFF62BDAB)
YUV	159.7390, 5.5517, -54.1451
Hunter-Lab	64.7550, -29.0117, 4.1174

# Details

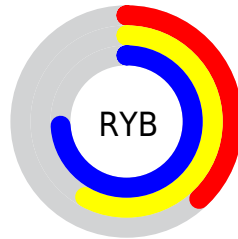
The Hex color **62BDAB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6274**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9AF6E2**, and **268777** is the 20% darker color. If you saturate the color by 10%, you get **4FBDA7**, and if you desaturate by 10%, it is **75BDAF**.

# Distribution



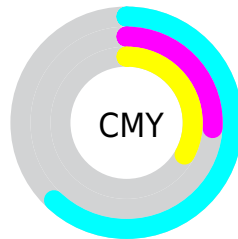
- Red (38%)
- Green (74%)
- Blue (67%)



- Red (38%)
- Yellow (58%)
- Blue (74%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (62%)
- Magenta (26%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62BDAB 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 62BDAB by changing the saturation by 10% instead.



 62BDAB

 62BDAB

FFFFFF

 46A291

 9AF6E2

 268777

 B7FFFF

 006D5E

 D4FFFF

 005547

 F1FFFF

 003D30

 00271B

 000601

 000000

 62BDAB

 62BDAB

 4FBDA7

 75BDAF

 3CBDA4

 88BDB2

 29BDA0

 9BBDB6

 16BD9C

 AEBDBA

 03BD98

 C1BDBE

 00BD98

 D3BDC1

 E6BDC5

 F9BDC9

 FFBDCD

# Harmonies

## Analogous

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



83BA8F



62BDAB



4EBCC8

# Triad

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



62BDAB



B0A6E0



DAA17D

# Complementary

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



62BDAB



BD6274

# 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.



E69A93



62BDAB



D19DCC

# Square

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



62BDAB



85B0E6



E398B0



C2AB74

# Rectangle

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



62BDAB



54BAD8



E398B0



DF9E83



# Sweetspot

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



62BDAB



D3F5EE



74BD62



667A76



FAFAFA



7A7A7A



# Same Dimension

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



62BDAB



67F5D9



62A2BD



555E5C



009E7F



001F19



# Inverse Universe

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



BD6274



F56783



BD7D62



5E5557



9E001F

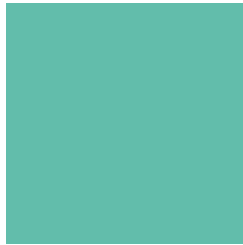


1F0006



# Previews

## White Background



This preview shows how the Hex color 62BDAB looks on a white background.

## Color Contrast Check

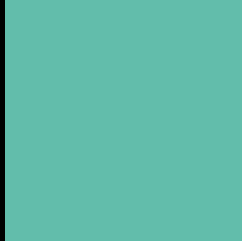
Large Text (above 18pt) WCAG AA × Fail

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 62BDAB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

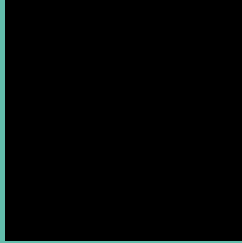
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

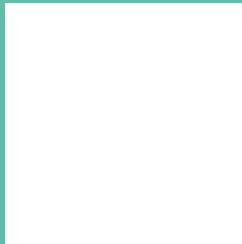
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62BDAB Background



This preview shows how black text looks on a background with the Hex color 62BDAB.

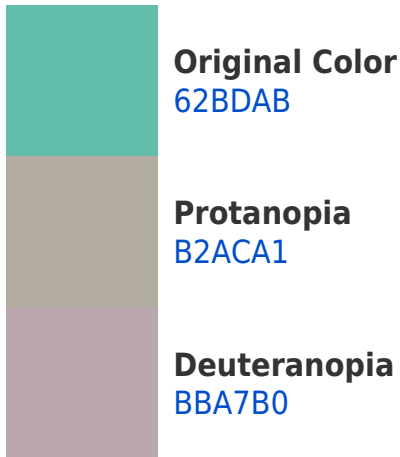


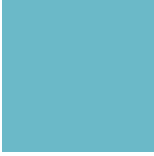
This preview shows how white text looks on a background with the Hex color 62BDAB.

# 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](#).

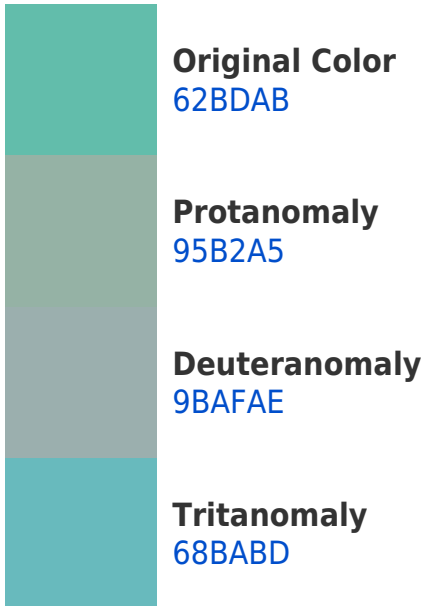
## Dichromacy



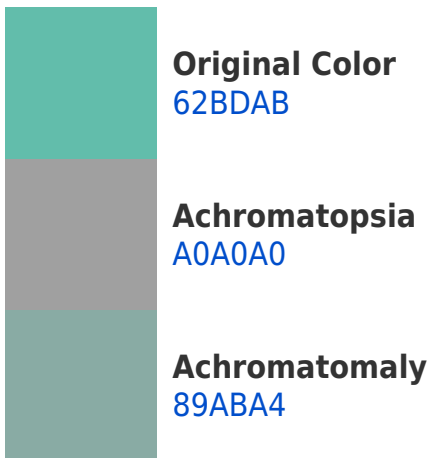


**Tritanopia**  
6BB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62BDAB 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 #62BDAB looks like.

```
.text, #text, p{  
    color:#62BDAB  
}
```

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 #62BDAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BDAB
}
```

## Border

The CSS property to change the border of an element to Hex 62BDAB 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
#62BDAB }
```

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

```
.border{ border-color:#62BDAB }
```

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

Here you see how a box with a 4 pixel #62BDAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BDAB; -webkit-box-shadow:4px 4px  
4px 4px #62BDAB; box-shadow:4px 4px 4px  
4px #62BDAB }
```

# Background

The CSS property to change the background color of an element to Hex 62BDAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BDAB }
```

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

```
.background{ background-color:#62BDAB }
```

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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