

# Converting Colors

Hex(62BBB3)

Have a look what the booklet for  
Hex(62BBB3) contains.

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**Color**

**Hex(62BBB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62BBB3
RGB	98, 187, 179
RGB Percent	38%, 73%, 70%
CMY	0.6157, 0.2667, 0.2980
CMYK	0.48, 0.00, 0.04, 0.27
HSL	175°, 40%, 56%
HSV	175°, 48%, 73%
XYZ	30.9440, 41.3920, 49.0064
YIQ	159.4770, -50.4760, -21.3560

# Conversions

## Conversions Part 2

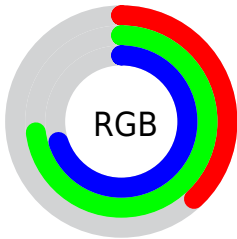
Format	Color
<a href="#">RYB</a>	<a href="#">98, 145, 187</a>
Decimal	<a href="#">6470579</a>
CIELab	<a href="#">70.45, -28.66, -4.22</a>
CIELCh	<a href="#">70, 28.971, 188.376</a>
Yxy	<a href="#">41.3920, 0.2550, 0.3411</a>
Android (android.graphics.Color)	<a href="#">4284660659 (0xFF62BBB3)</a>
YUV	<a href="#">159.4770, 9.6248, -53.9153</a>
Hunter-Lab	<a href="#">64.3366, -26.7358, -0.1266</a>

# Details

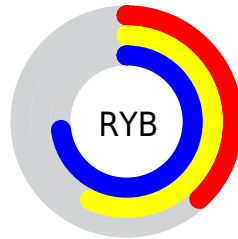
The Hex color **62BBB3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB626A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9AF4EB**, and **26857E** is the 20% darker color. If you saturate the color by 10%, you get **4FBBB1**, and if you desaturate by 10%, it is **75BBB5**.

# Distribution



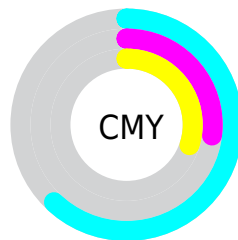
- Red (38%)
- Green (73%)
- Blue (70%)



- Red (38%)
- Yellow (57%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62BBB3 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 62BBB3 by changing the saturation by 10% instead.





62BBB3



62BBB3

FFFFFF



45A098



9AF4EB



26857E



B7FFFF



006C65



D4FFFF



00534E



F1FFFF



003B37



002621



00040C



000000



62BBB3



62BBB3

 4FBBB1

 75BBB5

 3DBBB0

 87BBB6

 2ABBAE

 9ABBB8

 17BBAC

 ADBBBA

 04BBAB

 C0BBBB

 00BBAA

 D2BBBD

 E5BBBF

 F8BBC0

 FFBBC2

# Harmonies

## Analogous

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



7CB998



62BBB3



5AB9CC

# Triad

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



62BBB3



BAA3D6



D0A47C

# Complementary

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



62BBB3



BB626A

# 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.



DE9C8D



62BBB3



D49BC0

# Square

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



62BBB3



95ACE0



E199A6



B8AD78

# Rectangle

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



62BBB3



66B6D8



E199A6



D6A180



# Sweetspot

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



62BBB3



D0F2EF



6BBB62



667A79



FAFAFA



7A7A7A



# Same Dimension

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



62BBB3



68F2E6



6297BB



555E5E



009E90



001F1C



# Inverse Universe

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



BB626A



F26875



BB8662



5E5556



9E000E

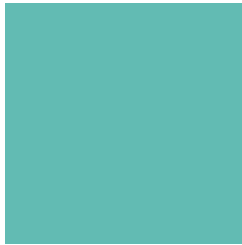


1F0003



# Previews

## White Background



This preview shows how the Hex color 62BBB3 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 62BBB3 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

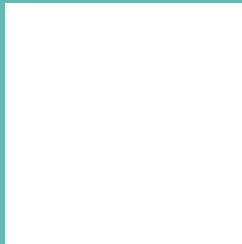
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62BBB3 Background



This preview shows how black text looks on a background with the Hex color 62BBB3.

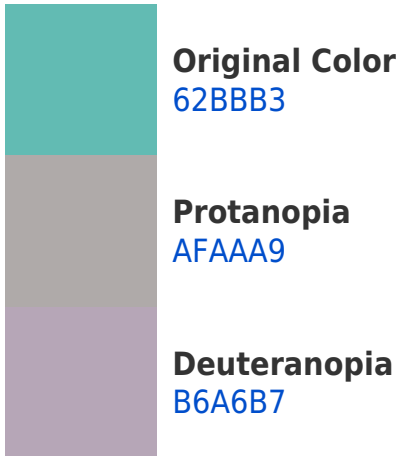


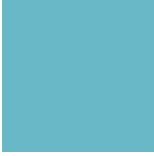
This preview shows how white text looks on a background with the Hex color 62BBB3.

# 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](#).

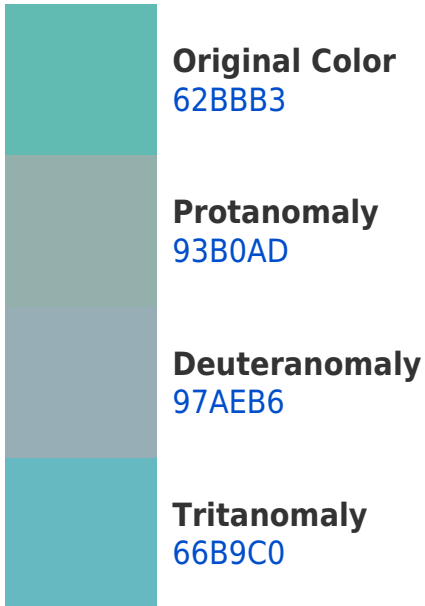
## Dichromacy



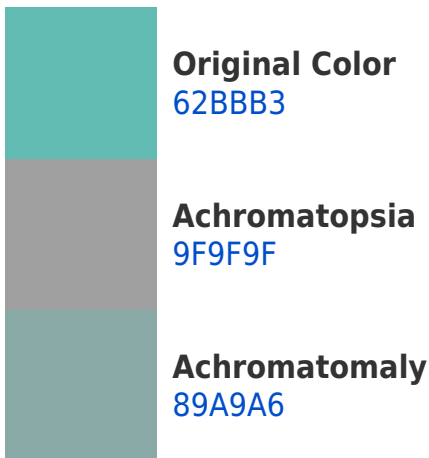


**Tritanopia**  
68B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62BBB3 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 #62BBB3 looks like.

```
.text, #text, p{  
    color:#62BBB3  
}
```

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 #62BBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BBB3
}
```

## Border

The CSS property to change the border of an element to Hex 62BBB3 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
#62BBB3 }
```

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

```
.border{ border-color:#62BBB3 }
```

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

Here you see how a box with a 4 pixel #62BBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BBB3; -webkit-box-shadow:4px 4px  
4px 4px #62BBB3; box-shadow:4px 4px 4px  
4px #62BBB3 }
```

# Background

The CSS property to change the background color of an element to Hex 62BBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BBB3 }
```

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

```
.background{ background-color:#62BBB3 }
```

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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