

# Converting Colors

Hex(62B7BD)

Have a look what the booklet for  
Hex(62B7BD) contains.

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**Color**

**Hex(62B7BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62B7BD
RGB	98, 183, 189
RGB Percent	38%, 72%, 74%
CMY	0.6157, 0.2824, 0.2588
CMYK	0.48, 0.03, 0.00, 0.26
HSL	184°, 41%, 56%
HSV	184°, 48%, 74%
XYZ	31.1558, 40.1378, 54.2494
YIQ	158.2690, -52.5860, -16.1540

# Conversions

## Conversions Part 2

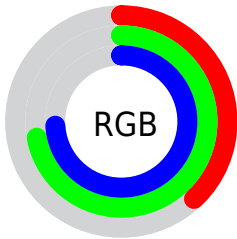
Format	Color
<a href="#">RYB</a>	<a href="#">98, 142, 189</a>
Decimal	<a href="#">6469565</a>
CIELab	<a href="#">69.57, -24.08, -11.02</a>
CIElCh	<a href="#">70, 26.480, 204.600</a>
Yxy	<a href="#">40.1378, 0.2482, 0.3197</a>
Android (android.graphics.Color)	<a href="#">4284659645</a> ( <a href="#">0xFF62B7BD</a> )
YUV	<a href="#">158.2690, 15.1504, -52.8559</a>
Hunter-Lab	<a href="#">63.3544, -23.0892, -6.4211</a>

# Details

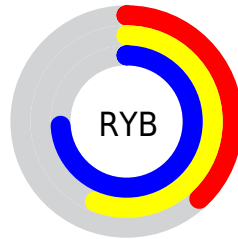
The Hex color **62B7BD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6862**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9AEFF5**, and **258288** is the 20% darker color. If you saturate the color by 10%, you get **4FB6BD**, and if you desaturate by 10%, it is **75B8BD**.

# Distribution



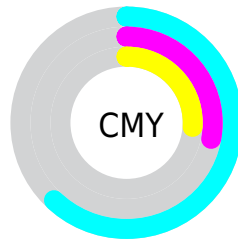
- Red (38%)
- Green (72%)
- Blue (74%)



- Red (38%)
- Yellow (56%)
- Blue (74%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (28%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62B7BD 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 62B7BD by changing the saturation by 10% instead.



62B7BD

62B7BD

FFFFFF

459CA2

9AEFF5

258288

B7FFFF

00686E

D4FFFF

005056

F2FFFF

00393F

002329

000115

000000

62B7BD

62B7BD

 4FB6BD

 75B8BD

 3CB5BD

 88B9BD

 29B3BD

 9BBBBD

 16B2BD

 AEBCBD

 03B1BD

 C1BDBD

 00B1BD

 D3BEBD

 E6C0BD

 F9C1BD

 FFC2BD

# Harmonies

## Analogous

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



71B7A5



62B7BD



6AB4D0

# Triad

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



62B7BD



C59DC6



BFA77A

# Complementary

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



62B7BD



BD6862

# 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.



D29F84



62B7BD



D699AF

# Square

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



62B7BD



A8A5D5



DB9997



A7AF7E

# Rectangle

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



62B7BD



7BB0D8



DB9997



C7A47C



# Sweetspot

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



62B7BD



D3F3F5



62BD67



66797A



FAFAFA



7A7A7A



# Same Dimension

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



62B7BD



67EBF5



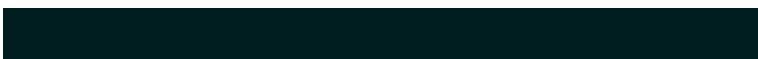
628BBD



555E5E



00949E



001D1F



# Inverse Universe

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



BD62B7



F567EB



BD9462



5E555E



9E0094

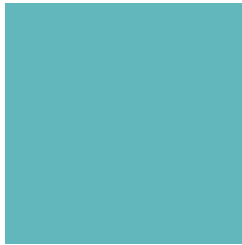


1F001D



# Previews

## White Background



This preview shows how the Hex color 62B7BD looks on a white background.

## Color Contrast Check

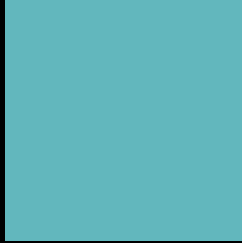
Large Text (above 18pt) WCAG AA × Fail

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 62B7BD 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 62B7BD Background



This preview shows how black text looks on a background with the Hex color 62B7BD.

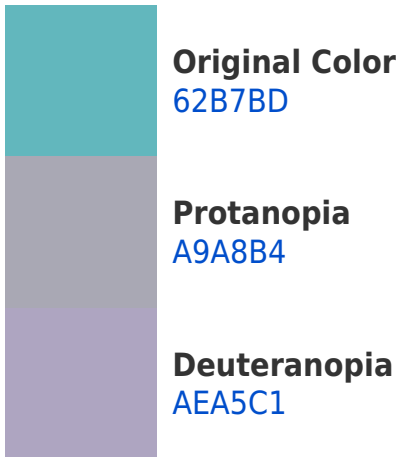


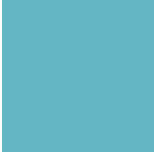
This preview shows how white text looks on a background with the Hex color 62B7BD.

# 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](#).

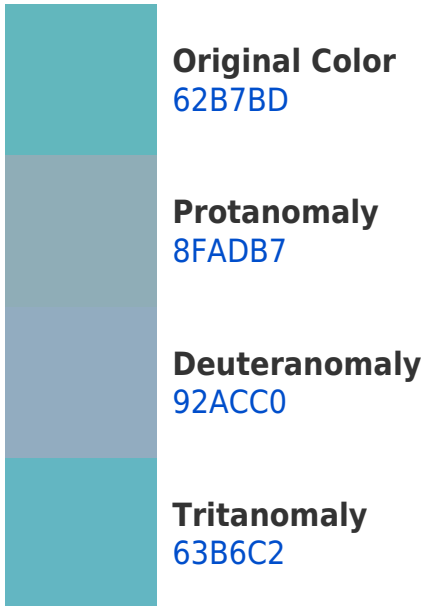
## Dichromacy



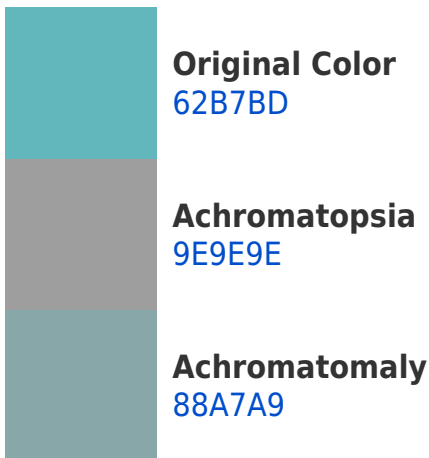


**Tritanopia**  
64B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62B7BD 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 #62B7BD looks like.

```
.text, #text, p{  
    color:#62B7BD  
}
```

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 #62B7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B7BD
}
```

## Border

The CSS property to change the border of an element to Hex 62B7BD 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
#62B7BD }
```

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

```
.border{ border-color:#62B7BD }
```

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

Here you see how a box with a 4 pixel #62B7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62B7BD; -webkit-box-shadow:4px 4px  
4px 4px #62B7BD; box-shadow:4px 4px 4px  
4px #62B7BD }
```

# Background

The CSS property to change the background color of an element to Hex 62B7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62B7BD }
```

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

```
.background{ background-color:#62B7BD }
```

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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