

Converting Colors

Hex(62B9B9)

Have a look what the booklet for
Hex(62B9B9) contains.

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Color

Hex(62B9B9)

Conversions

Conversions Part 1

Format	Color
Hex	62B9B9
RGB	98, 185, 185
RGB Percent	38%, 73%, 73%
CMY	0.6157, 0.2745, 0.2745
CMYK	0.47, 0.00, 0.00, 0.27
HSL	180°, 38%, 55%
HSV	180°, 47%, 73%
XYZ	31.1429, 40.7974, 52.1322
YIQ	158.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

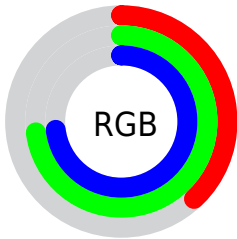
Format	Color
RYB	98, 142, 185
Decimal	6470073
CIELab	70.03, -26.13, -8.13
CIELCh	70, 27.368, 197.279
Yxy	40.7974, 0.2510, 0.3288
Android (android.graphics.Color)	4284660153 (0xFF62B9B9)
YUV	158.9870, 12.8244, -53.4856
Hunter-Lab	63.8728, -24.7449, -3.6808

Details

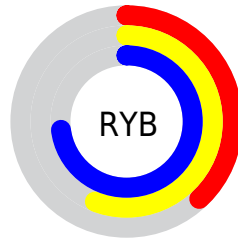
The Hex color **62B9B9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B96262**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9AF1F1**, and **258484** is the 20% darker color. If you saturate the color by 10%, you get **50B9B9**, and if you desaturate by 10%, it is **75B9B9**.

Distribution



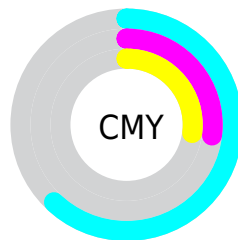
- Red (38%)
- Green (73%)
- Blue (73%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 62B9B9 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 62B9B9 by changing the saturation by 10% instead.

 62B9B9

 62B9B9

FFFFFF

 459E9E

 9AF1F1

 258484

 B7FFFF

 006A6B

 D4FFFF

 005253

 F1FFFF

 003A3C

 002426

 000112

 000000

 62B9B9

 62B9B9

 50B9B9

 75B9B9

 3DB9B9

 87B9B9

 2BB9B9

 9AB9B9

 18B9B9

 ACB9B9

 05B9B9

 BEB9B9

 00B9B9

 D1B9B9

 E4B9B9

 F6B9B9

 FFB9B9

Harmonies

Analogous

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



76B89F



62B9B9



63B6CF

Triad

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



62B9B9



C0A0CD



C7A67B

Complementary

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



62B9B9



B96262

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.



D89E88



62B9B9



D69AB7

Square

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



62B9B9



A0A9DA



DE999E



AEAE7B

Rectangle

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



62B9B9



73B3D8



DE999E



CDA37E

Sweetspot

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



62B9B9



CEF0F0



62B962



637878



F7F7F7



787878

Same Dimension

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



62B9B9



69F0F0



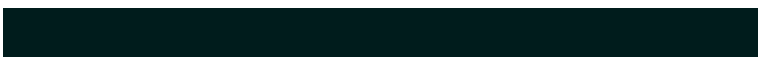
628DB9



535C5C



009C9C



001C1C

Inverse Universe

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



B962B9



F069F0



B98D62



5C535C



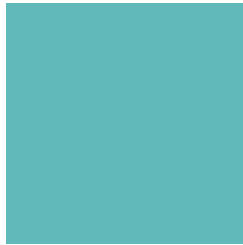
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 62B9B9 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 62B9B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

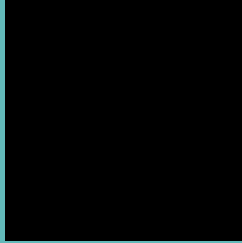
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

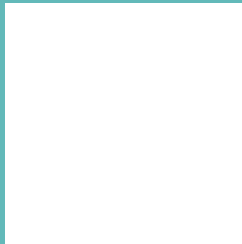
Any Text WCAG AAA ✓ Pass

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

Hex 62B9B9 Background



This preview shows how black text looks on a background with the Hex color 62B9B9.

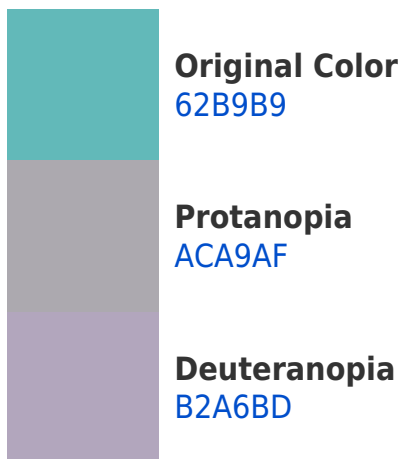


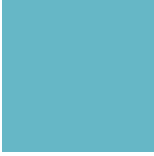
This preview shows how white text looks on a background with the Hex color 62B9B9.

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

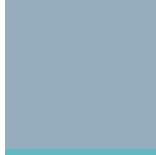
Trichromacy



Original Color
62B9B9



Protanomaly
91AFB3



Deuteranomaly
95ADBC



Tritanomaly
65B8C1

Monochromacy



Original Color
62B9B9



Achromatopsia
9F9F9F



Achromatomaly
89A8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 62B9B9 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 #62B9B9 looks like.

```
.text, #text, p{  
    color:#62B9B9  
}
```

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 #62B9B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62B9B9
}
```

Border

The CSS property to change the border of an element to Hex 62B9B9 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
#62B9B9 }
```

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

```
.border{ border-color:#62B9B9 }
```

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

Here you see how a box with a 4 pixel #62B9B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62B9B9; -webkit-box-shadow:4px 4px  
4px 4px #62B9B9; box-shadow:4px 4px 4px  
4px #62B9B9 }
```

Background

The CSS property to change the background color of an element to Hex 62B9B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62B9B9 }
```

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

```
.background{ background-color:#62B9B9 }
```

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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