

Converting Colors

Hex(62C7B6)

Have a look what the booklet for
Hex(62C7B6) contains.

Hex(62C7B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62C7B6)

Conversions

Conversions Part 1

Format	Color
Hex	62C7B6
RGB	98, 199, 182
RGB Percent	38%, 78%, 71%
CMY	0.6157, 0.2196, 0.2863
CMYK	0.51, 0.00, 0.09, 0.22
HSL	170°, 47%, 58%
HSV	170°, 51%, 78%
XYZ	33.9039, 46.8209, 51.5064
YIQ	166.8630, -54.7390, -26.6990

Conversions

Conversions Part 2

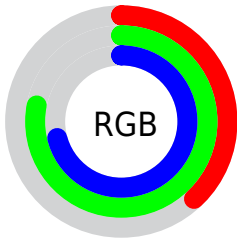
Format	Color
RYB	98, 153, 199
Decimal	6473654
CIELab	74.08, -33.65, -0.53
CIELCh	74, 33.657, 180.907
Yxy	46.8209, 0.2564, 0.3541
Android (android.graphics.Color)	4284663734 (0xFF62C7B6)
YUV	166.8630, 7.4625, -60.3929
Hunter-Lab	68.4258, -31.3012, 3.2685

Details

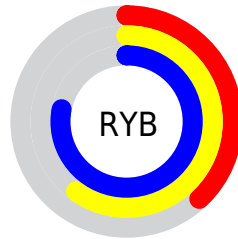
The Hex color **62C7B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C76273**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9BFFEE**, and **229181** is the 20% darker color. If you saturate the color by 10%, you get **4EC7B3**, and if you desaturate by 10%, it is **76C7B9**.

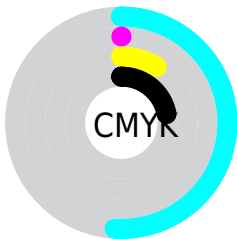
Distribution



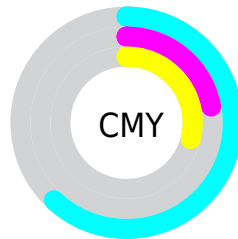
- Red (38%)
- Green (78%)
- Blue (71%)



- Red (38%)
- Yellow (60%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62C7B6 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 62C7B6 by changing the saturation by 10% instead.

 62C7B6

 62C7B6

FFFFFF

 44AB9B

 9BFFEE

 229181

 B8FFFF

 007668

 D5FFFF

 005D50

 F3FFFF

 004539

 002E24

 00170F

 000000

 62C7B6

 62C7B6

 4EC7B3

 76C7B9

 3AC7AF

 8AC7BD

 26C7AC

 9EC7C0

 12C7A9

 B2C7C3

 00C7A6

 C6C7C7

 D9C7CA

 EDC7CD

 FFC7D1

 FFC7D4

Harmonies

Analogous

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



86C497



62C7B6



4DC6D5

Triad

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



62C7B6



BBAEEB



E4AA81

Complementary

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



62C7B6



C76273

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.



F2A198



62C7B6



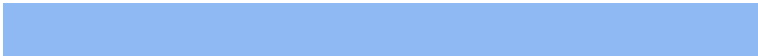
DEA4D5

Square

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



62C7B6



8EB9F3



F19FB6



CBB478

Rectangle

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



62C7B6



56C3E5



F19FB6



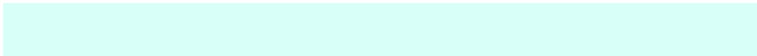
EAA787

Sweetspot

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



62C7B6



D9FFF9



75C762



69807C



000000



808080

Same Dimension

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



62C7B6



63FFE5



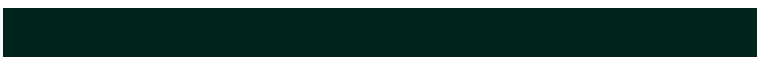
62A7C7



5A6362



00A388



00241E

Inverse Universe

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



C76273



FF637E



C78262



635A5B



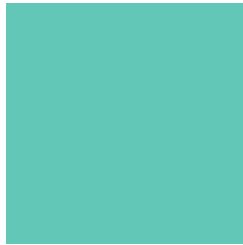
A3001B



240006

Previews

White Background



This preview shows how the Hex color 62C7B6 looks on a white background.

Color Contrast Check

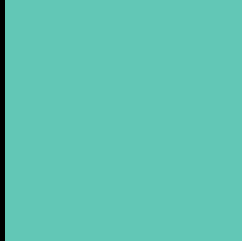
Large Text (above 18pt) WCAG AA × Fail

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 62C7B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

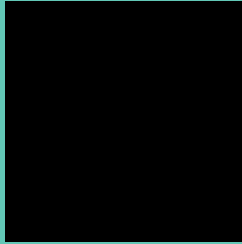
Any Text WCAG AA ✓ Pass

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 62C7B6 Background



This preview shows how black text looks on a background with the Hex color 62C7B6.

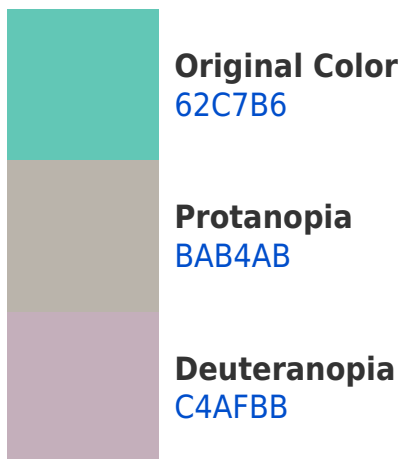


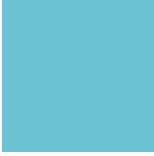
This preview shows how white text looks on a background with the Hex color 62C7B6.

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
6BC3D3

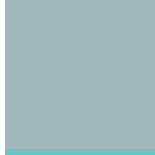
Trichromacy



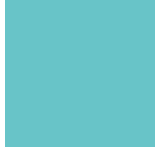
Original Color
62C7B6



Protanomaly
9ABBAF



Deuteranomaly
A0B8B9

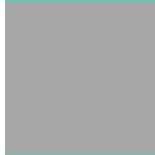


Tritanomaly
68C4C8

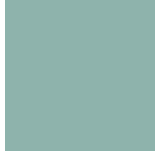
Monochromacy



Original Color
62C7B6



Achromatopsia
A7A7A7



Achromatomaly
8EB3AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 62C7B6 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 #62C7B6 looks like.

```
.text, #text, p{  
    color:#62C7B6  
}
```

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 #62C7B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C7B6
}
```

Border

The CSS property to change the border of an element to Hex 62C7B6 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
#62C7B6 }
```

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

```
.border{ border-color:#62C7B6 }
```

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

Here you see how a box with a 4 pixel #62C7B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C7B6; -webkit-box-shadow:4px 4px  
4px 4px #62C7B6; box-shadow:4px 4px 4px  
4px #62C7B6 }
```

Background

The CSS property to change the background color of an element to Hex 62C7B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C7B6 }
```

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

```
.background{ background-color:#62C7B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor