

Converting Colors

Hex(62C4AF)

Have a look what the booklet for
Hex(62C4AF) contains.

Hex(62C4AF)	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(62C4AF)

Conversions

Conversions Part 1

Format	Color
Hex	62C4AF
RGB	98, 196, 175
RGB Percent	38%, 77%, 69%
CMY	0.6157, 0.2314, 0.3137
CMYK	0.50, 0.00, 0.11, 0.23
HSL	167°, 45%, 58%
HSV	167°, 50%, 77%
XYZ	32.5148, 45.1717, 47.5627
YIQ	164.3040, -51.6670, -27.3070

Conversions

Conversions Part 2

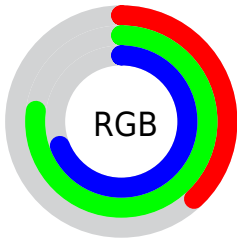
Format	Color
RYB	98, 153, 196
Decimal	6472879
CIELab	73.00, -33.95, 1.71
CIElCh	73, 33.993, 177.125
Yxy	45.1717, 0.2596, 0.3607
Android (android.graphics.Color)	4284662959 (0xFF62C4AF)
YUV	164.3040, 5.2731, -58.1486
Hunter-Lab	67.2099, -31.2625, 5.0889

Details

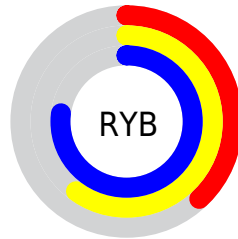
The Hex color **62C4AF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46277**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9BFDE6**, and **248E7B** is the 20% darker color. If you saturate the color by 10%, you get **4EC4AB**, and if you desaturate by 10%, it is **76C4B3**.

Distribution



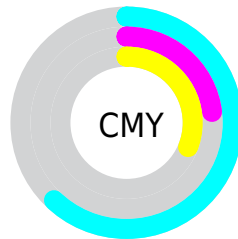
- Red (38%)
- Green (77%)
- Blue (69%)



- Red (38%)
- Yellow (60%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (62%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62C4AF 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 62C4AF by changing the saturation by 10% instead.

 62C4AF

 62C4AF

FFFFFF

 45A894

 9BFDE6

 248E7B

 B8FFFF

 007462

 D5FFFF

 005B4A

 F2FFFF

 004234

 002C1E

 001306

 000000

 62C4AF

 62C4AF

 4EC4AB

 76C4B3

 3BC4A7

 89C4B7

 27C4A2

 9DC4BC

 14C49E

 B0C4C0

 00C49A

 C4C4C4

 D8C4C8

 EBC4CC

 FFC4D1

 FFC4D5

Harmonies

Analogous

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



87C190



62C4AF



49C4CE

Triad

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



62C4AF



B3ACEA



E4A680

Complementary

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



62C4AF



C46277

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.



F09E98



62C4AF



D8A2D5

Square

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



62C4AF



84B7F1



ED9CB7



CBB075

Rectangle

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



62C4AF



4DC1E0



ED9CB7



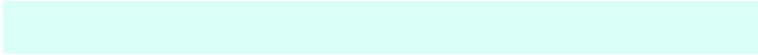
EAA287

Sweetspot

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



62C4AF



D9FFF7



77C462



69807B



000000



808080

Same Dimension

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



62C4AF



66FFDE



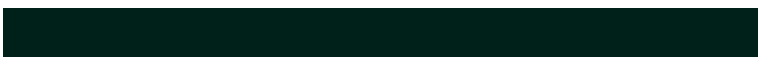
62A8C4



57615F



00A17E



00211A

Inverse Universe

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



C46277



FF6687



C47E62



615759



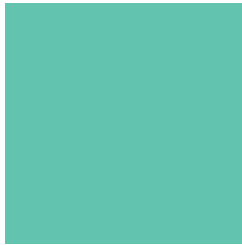
A10022



210007

Previews

White Background



This preview shows how the Hex color 62C4AF looks on a white background.

Color Contrast Check

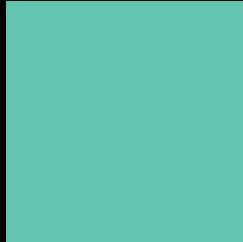
Large Text (above 18pt) WCAG AA × Fail

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 62C4AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

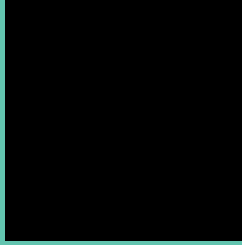
Any Text WCAG AA ✓ Pass

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 62C4AF Background



This preview shows how black text looks on a background with the Hex color 62C4AF.

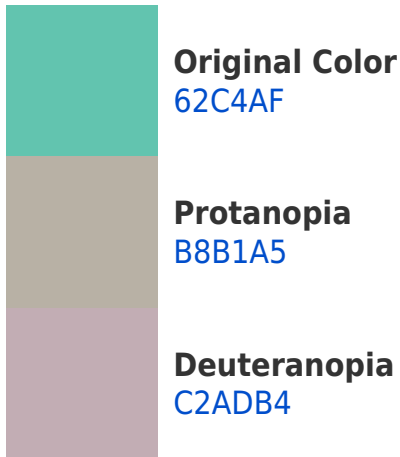


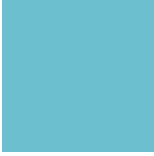
This preview shows how white text looks on a background with the Hex color 62C4AF.

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](#).

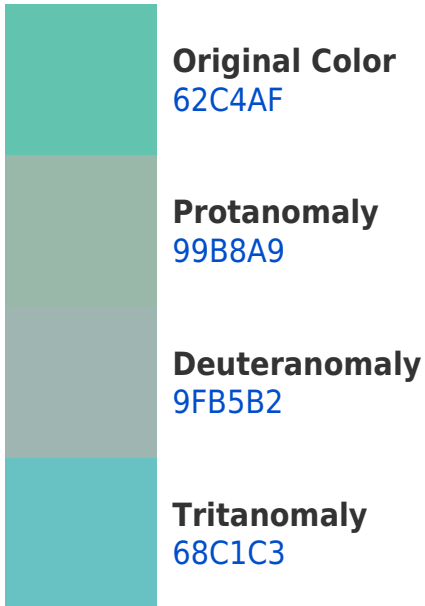
Dichromacy



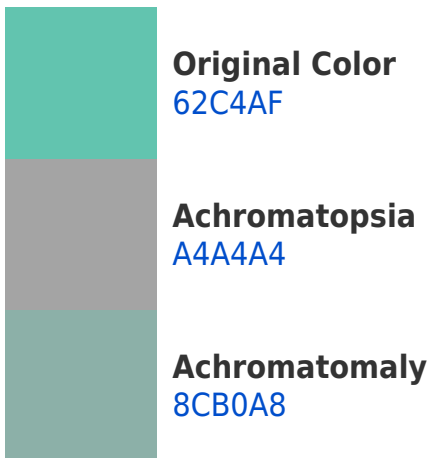


Tritanopia
6CBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62C4AF 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 #62C4AF looks like.

```
.text, #text, p{  
    color:#62C4AF  
}
```

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 #62C4AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C4AF
}
```

Border

The CSS property to change the border of an element to Hex 62C4AF 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
#62C4AF }
```

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

```
.border{ border-color:#62C4AF }
```

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

Here you see how a box with a 4 pixel #62C4AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C4AF; -webkit-box-shadow:4px 4px  
4px 4px #62C4AF; box-shadow:4px 4px 4px  
4px #62C4AF }
```

Background

The CSS property to change the background color of an element to Hex 62C4AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C4AF }
```

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

```
.background{ background-color:#62C4AF }
```

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