

# Converting Colors

Hex(62A8C1)

Have a look what the booklet for  
Hex(62A8C1) contains.

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# **Color**

**Hex(62A8C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62A8C1
RGB	98, 168, 193
RGB Percent	38%, 66%, 76%
CMY	0.6157, 0.3412, 0.2431
CMYK	0.49, 0.13, 0.00, 0.24
HSL	196°, 43%, 57%
HSV	196°, 49%, 76%
XYZ	28.6653, 34.4522, 55.5912
YIQ	149.9200, -49.7450, -7.0650

# Conversions

## Conversions Part 2

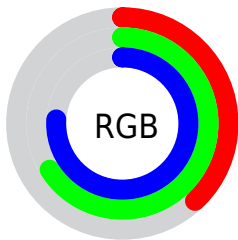
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 138, 193
Decimal	6465729
CIELab	65.32, -15.21, -19.64
CIElCh	65, 24.843, 232.249
Yxy	34.4522, 0.2415, 0.2902
Android (android.graphics.Color)	4284655809 (0xFF62A8C1)
YUV	149.9200, 21.2384, -45.5338
Hunter-Lab	58.6960, -15.5442, -15.0666

# Details

The Hex color **62A8C1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C17B62**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9ADFF9**, and **27748B** is the 20% darker color. If you saturate the color by 10%, you get **4FA3C1**, and if you desaturate by 10%, it is **75ADC1**.

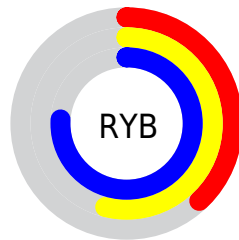
# Distribution



Red (38%)

Green (66%)

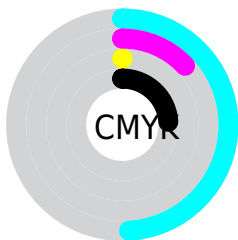
Blue (76%)



Red (38%)

Yellow (54%)

Blue (76%)

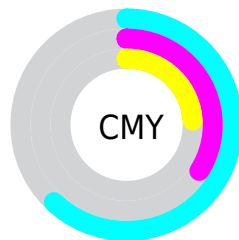


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (62%)

Magenta (34%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62A8C1 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 62A8C1 by changing the saturation by 10% instead.



 62A8C1

 62A8C1

FFFFFF

 468EA6

 9ADFF9

 27748B

 B6FCFF

 005B72

 D3FFFF

 004459

 F1FFFF

 002D42

 001A2C

 000117

 000000

 62A8C1

 62A8C1

■ 4FA3C1

■ 75ADC1

■ 3B9EC1

■ 89B2C1

■ 2899C1

■ 9CB7C1

■ 1594C1

■ AFBCC1

■ 028FC1

■ C3C1C1

■ 008EC1

■ D6C6C1

■ E9CCC1

■ FCD1C1

■ FFD6C1

# Harmonies

## Analogous

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



5DABAF



62A8C1



7BA2CA

# Triad

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



62A8C1



C78FA5



9DA275

# Complementary

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



62A8C1



C17B62

# 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.



B49B73



62A8C1



CC8F8F

# Square

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



62A8C1



B693BA



C5947C



84A883

# Rectangle

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



62A8C1



909ECA



C5947C



A5A073

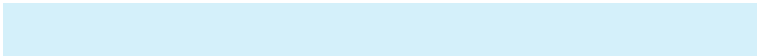


# Sweetspot

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



62A8C1



D4F0FA



62C17A



66777D



FCFCFC



7D7D7D



# Same Dimension

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



62A8C1



66D3FA



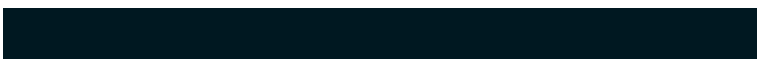
627AC1



575E61



0076A1



001821



# Inverse Universe

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



C162A8



FA66D3



C1A962



61575E



A10076

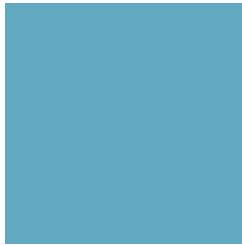


210018



# Previews

## White Background



This preview shows how the Hex color 62A8C1 looks on a white background.

## Color Contrast Check

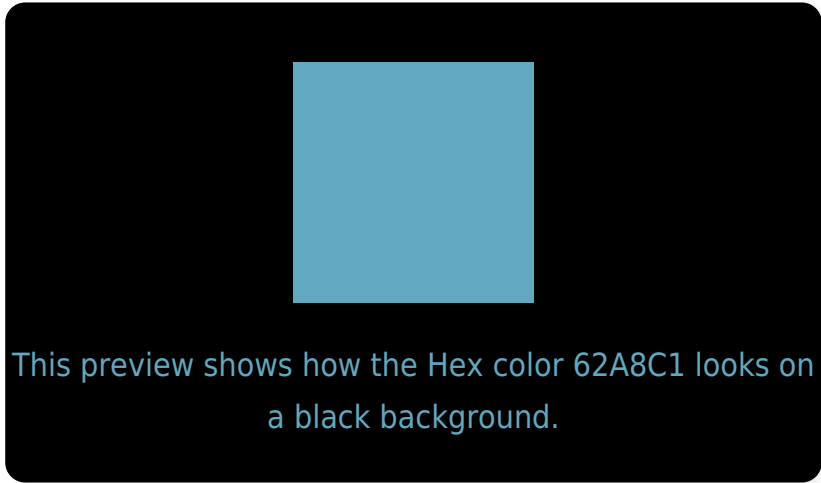
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

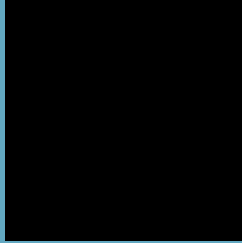
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

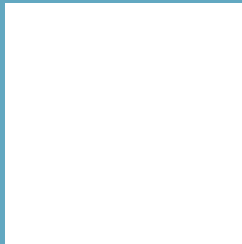
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62A8C1 Background



This preview shows how black text looks on a background with the Hex color 62A8C1.



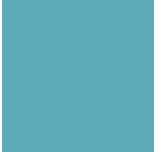
This preview shows how white text looks on a background with the Hex color 62A8C1.

# 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](#).

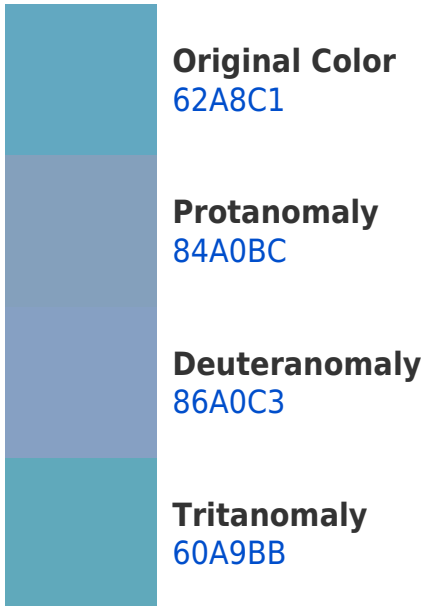
## Dichromacy



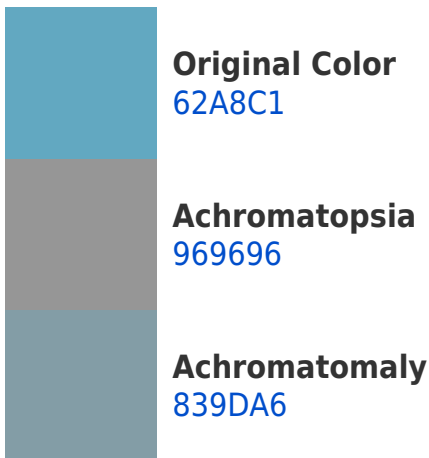


**Tritanopia**  
5FAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62A8C1 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 #62A8C1 looks like.

```
.text, #text, p{  
    color:#62A8C1  
}
```

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 #62A8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A8C1  
}
```

## Border

The CSS property to change the border of an element to Hex 62A8C1 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  
#62A8C1 }
```

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

```
.border{ border-color:#62A8C1 }
```

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

Here you see how a box with a 4 pixel #62A8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A8C1; -webkit-box-shadow:4px 4px  
4px 4px #62A8C1; box-shadow:4px 4px 4px  
4px #62A8C1 }
```

# Background

The CSS property to change the background color of an element to Hex 62A8C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A8C1 }
```

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

```
.background{ background-color:#62A8C1 }
```

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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