

Converting Colors

Hex(63A8C2)

Have a look what the booklet for
Hex(63A8C2) contains.

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Color

Hex(63A8C2)

Conversions

Conversions Part 1

Format	Color
Hex	63A8C2
RGB	99, 168, 194
RGB Percent	39%, 66%, 76%
CMY	0.6118, 0.3412, 0.2392
CMYK	0.49, 0.13, 0.00, 0.24
HSL	196°, 44%, 57%
HSV	196°, 49%, 76%
XYZ	28.8858, 34.5530, 56.1859
YIQ	150.3330, -49.4700, -6.5420

Conversions

Conversions Part 2

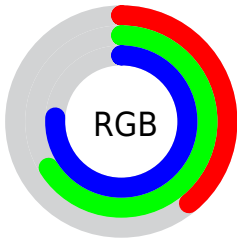
Format	Color
RYB	99, 139, 194
Decimal	6531266
CIELab	65.40, -14.69, -20.07
CIELCh	65, 24.877, 233.798
Yxy	34.5530, 0.2415, 0.2888
Android (android.graphics.Color)	4284721346 (0xFF63A8C2)
YUV	150.3330, 21.5278, -45.0190
Hunter-Lab	58.7818, -15.1518, -15.5244

Details

The Hex color **63A8C2** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **C27D63**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9BDFFB**, and **28748C** is the 20% darker color. If you saturate the color by 10%, you get **50A3C2**, and if you desaturate by 10%, it is **76ADC2**.

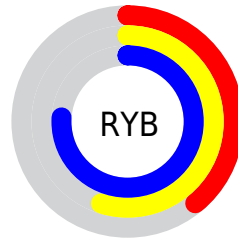
Distribution



Red (39%)

Green (66%)

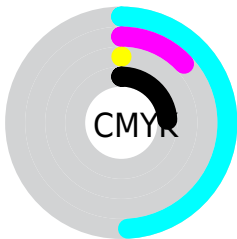
Blue (76%)



Red (39%)

Yellow (55%)

Blue (76%)

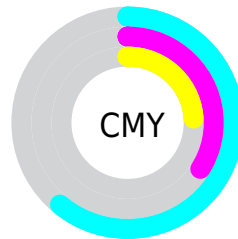


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (61%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A8C2 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 63A8C2 by changing the saturation by 10% instead.

 63A8C2

 63A8C2


FFFFFF

 478EA7

 9BDFFB

 28748C

 B7FCFF

 005B73

 D4FFFF

 00445A

 F2FFFF

 002D43

 001A2C

 000118

 000000

 63A8C2

 63A8C2

■ 50A3C2

■ 76ADC2

■ 3C9DC2

■ 8AB3C2

■ 2998C2

■ 9DB8C2

■ 1593C2

■ B1BDC2

■ 028DC2

■ C4C3C2

■ 008DC2

■ D7C8C2

■ EBCDC2

■ FED2C2

■ FFD8C2

Harmonies

Analogous

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



5DABB0



63A8C2



7DA2CB

Triad

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



63A8C2



C88FA4



9CA376

Complementary

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



63A8C2



C27D63

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.



B39C73



63A8C2



CC8F8E

Square

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



63A8C2



B793B9



C4947C



83A884

Rectangle

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



63A8C2



929DCA



C4947C



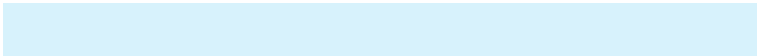
A4A173

Sweetspot

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



63A8C2



D7F2FC



63C27C



697980



000000



808080

Same Dimension

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



63A8C2



68D4FC



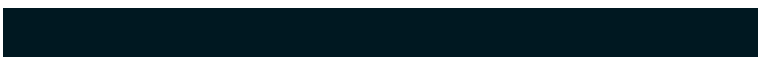
6379C2



575E61



0075A1



001821

Inverse Universe

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



C263A8



FC68D4



C2AC63



61575E



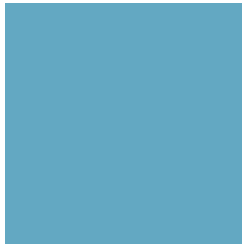
A10075



210018

Previews

White Background



This preview shows how the Hex color 63A8C2 looks on a white background.

Color Contrast Check

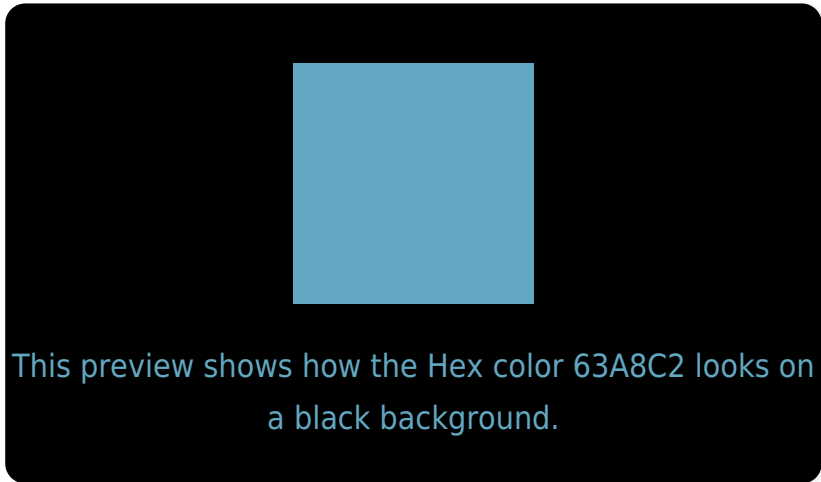
Large Text (above 18pt) WCAG AA × Fail

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

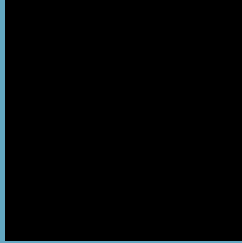
Any Text WCAG AA ✓ Pass

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 63A8C2 Background



This preview shows how black text looks on a background with the Hex color 63A8C2.

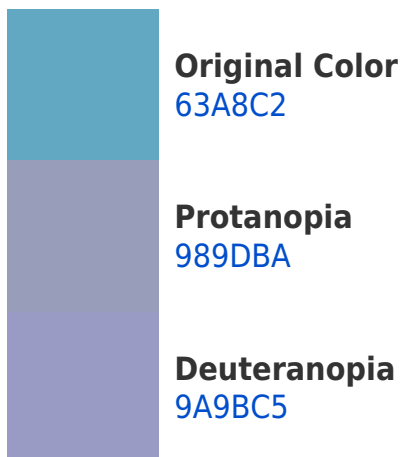


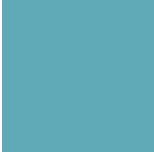
This preview shows how white text looks on a background with the Hex color 63A8C2.

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](#).

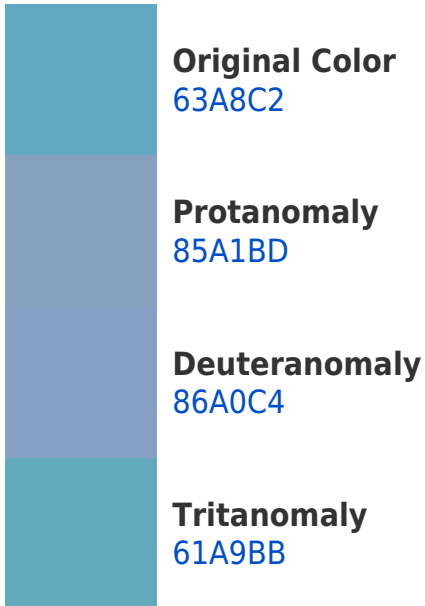
Dichromacy



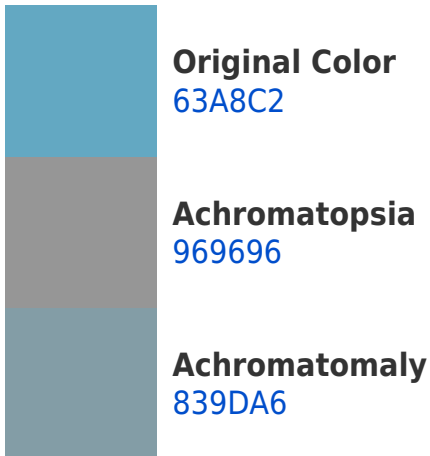


Tritanopia
60AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A8C2 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 #63A8C2 looks like.

```
.text, #text, p{  
    color:#63A8C2  
}
```

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 #63A8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A8C2
}
```

Border

The CSS property to change the border of an element to Hex 63A8C2 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
#63A8C2 }
```

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

```
.border{ border-color:#63A8C2 }
```

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

Here you see how a box with a 4 pixel #63A8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A8C2; -webkit-box-shadow:4px 4px  
4px 4px #63A8C2; box-shadow:4px 4px 4px  
4px #63A8C2 }
```

Background

The CSS property to change the background color of an element to Hex 63A8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A8C2 }
```

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

```
.background{ background-color:#63A8C2 }
```

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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