

Converting Colors

Hex(61A8C6)

Have a look what the booklet for
Hex(61A8C6) contains.

Hex(61A8C6)	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(61A8C6)

Conversions

Conversions Part 1

Format	Color
Hex	61A8C6
RGB	97, 168, 198
RGB Percent	38%, 66%, 78%
CMY	0.6196, 0.3412, 0.2235
CMYK	0.51, 0.15, 0.00, 0.22
HSL	198°, 47%, 58%
HSV	198°, 51%, 78%
XYZ	29.1254, 34.6239, 58.5741
YIQ	150.1910, -51.9460, -5.7220

Conversions

Conversions Part 2

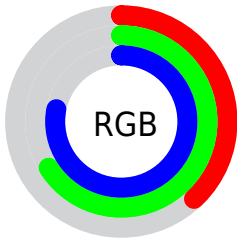
Format	Color
RYB	97, 139, 198
Decimal	6400198
CIELab	65.45, -14.01, -22.22
CIELCh	65, 26.266, 237.774
Yxy	34.6239, 0.2381, 0.2831
Android (android.graphics.Color)	4284590278 (0xFF61A8C6)
YUV	150.1910, 23.5698, -46.6485
Hunter-Lab	58.8420, -14.6203, -17.8306

Details

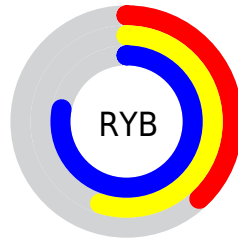
The Hex color **61A8C6** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **C67F61**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **99DFFF**, and **247490** is the 20% darker color. If you saturate the color by 10%, you get **4DA2C6**, and if you desaturate by 10%, it is **75AEC6**.

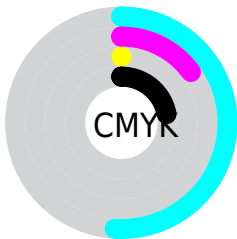
Distribution



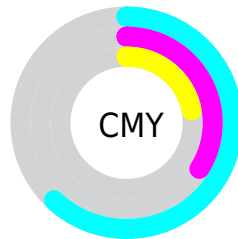
- Red (38%)
- Green (66%)
- Blue (78%)



- Red (38%)
- Yellow (55%)
- Blue (78%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A8C6 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 61A8C6 by changing the saturation by 10% instead.

 61A8C6

 61A8C6

FFFFFF

 448EAB

 99DFFF

 247490

 B6FCFF

 005B76

 D3FFFF

 00445E

 F0FFFF

 002D46

 001A2F

 00011A

 000000

 61A8C6

 61A8C6

■ 4DA2C6

■ 75AEC6

■ 399CC6

■ 89B4C6

■ 2696C6

■ 9CBAC6

■ 1290C6

■ B0C0C6

■ 008BC6

■ C4C5C6

■ D8CBC6

■ ECD1C6

■ FFD7C6

■ FFDDC6

Harmonies

Analogous

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



57ACB4



61A8C6



7FA2CD

Triad

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



61A8C6



CB8EA2



99A475

Complementary

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



61A8C6



C67F61

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.



B29D70



61A8C6



CE8F8A

Square

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



61A8C6



BB92B8



C49578



7EA985

Rectangle

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



61A8C6



959CCC



C49578



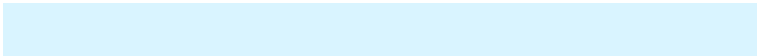
A1A272

Sweetspot

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



61A8C6



D9F4FF



61C67E



697980



000000



808080

Same Dimension

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



61A8C6



63D1FF



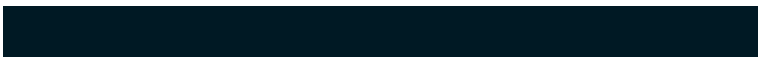
6177C6



5A6063



0073A3



001924

Inverse Universe

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



C661A8



FF63D1



C6B061



635A60



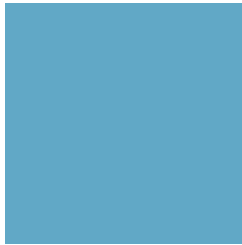
A30073



240019

Previews

White Background



This preview shows how the Hex color 61A8C6 looks on a white background.

Color Contrast Check

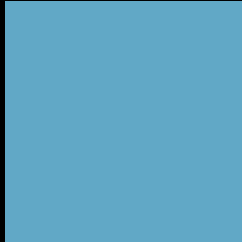
Large Text (above 18pt) WCAG AA × Fail

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 61A8C6 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 61A8C6 Background



This preview shows how black text looks on a background with the Hex color 61A8C6.

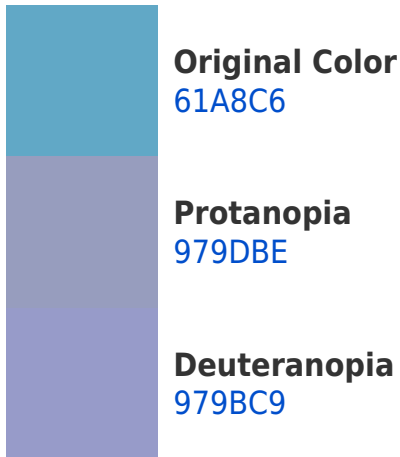


This preview shows how white text looks on a background with the Hex color 61A8C6.

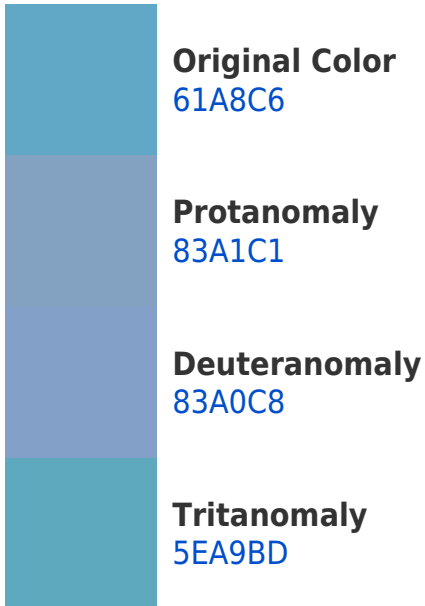
Color Blindness Simulation

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](#).

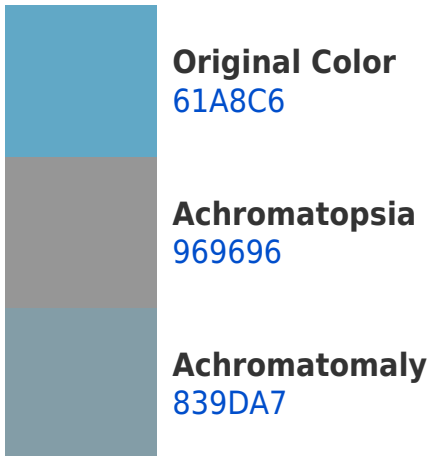
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61A8C6 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 #61A8C6 looks like.

```
.text, #text, p{  
    color:#61A8C6  
}
```

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 #61A8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A8C6
}
```

Border

The CSS property to change the border of an element to Hex 61A8C6 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
#61A8C6 }
```

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

```
.border{ border-color:#61A8C6 }
```

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

Here you see how a box with a 4 pixel #61A8C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A8C6; -webkit-box-shadow:4px 4px  
4px 4px #61A8C6; box-shadow:4px 4px 4px  
4px #61A8C6 }
```

Background

The CSS property to change the background color of an element to Hex 61A8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A8C6 }
```

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

```
.background{ background-color:#61A8C6 }
```

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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