

Converting Colors

Hex(61BDC2)

Have a look what the booklet for
Hex(61BDC2) contains.

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Color

Hex(61BDC2)

Conversions

Conversions Part 1

Format	Color
Hex	61BDC2
RGB	97, 189, 194
RGB Percent	38%, 74%, 76%
CMY	0.6196, 0.2588, 0.2392
CMYK	0.50, 0.03, 0.00, 0.24
HSL	183°, 44%, 57%
HSV	183°, 50%, 76%
XYZ	32.8650, 42.8316, 57.5741
YIQ	162.0620, -56.4370, -17.9490

Conversions

Conversions Part 2

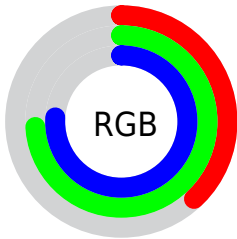
Format	Color
RYB	97, 144, 194
Decimal	6405570
CIELab	71.44, -25.96, -10.97
CIElCh	71, 28.180, 202.907
Yxy	42.8316, 0.2466, 0.3214
Android (android.graphics.Color)	4284595650 (0xFF61BDC2)
YUV	162.0620, 15.7454, -57.0594
Hunter-Lab	65.4459, -24.8929, -6.3465

Details

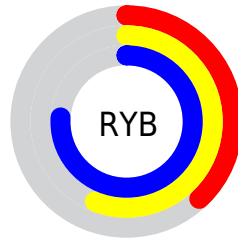
The Hex color **61BDC2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26661**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9AF6FA**, and **21878C** is the 20% darker color. If you saturate the color by 10%, you get **4EBCC2**, and if you desaturate by 10%, it is **74BEC2**.

Distribution



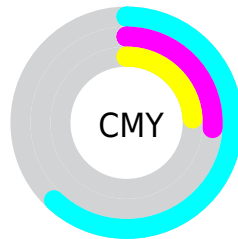
- Red (38%)
- Green (74%)
- Blue (76%)



- Red (38%)
- Yellow (56%)
- Blue (76%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61BDC2 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 61BDC2 by changing the saturation by 10% instead.

 61BDC2

 61BDC2

FFFFFF

 43A2A7

 9AF6FA

 21878C

 B7FFFF

 006E73

 D4FFFF

 00555A

 F2FFFF

 003D43

 00272D

 000B19

 000000

 61BDC2

 61BDC2

 4EBCC2

 74BEC2

 3ABBC2

 88BFC2

 27BAC2

 9BC0C2

 13B9C2

 AFC1C2

 00B8C2

 C2C2C2

 D5C3C2

 E9C4C2

 FCC5C2

 FFC6C2

Harmonies

Analogous

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



73BDA8



61BDC2



68BAD7

Triad

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



61BDC2



CAA2CE



C7AB7C

Complementary

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



61BDC2



C26661

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.



DAA387



61BDC2



DE9DB6

Square

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



61BDC2



ABABDE



E39D9C



ADB37F

Rectangle

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



61BDC2



7AB6DF



E39D9C



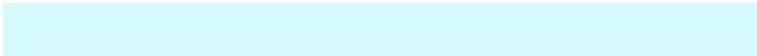
CFA87E

Sweetspot

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



61BDC2



D7FAFC



61C266



697E80



000000



808080

Same Dimension

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



61BDC2



65F5FC



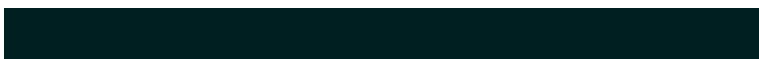
618DC2



576061



0098A1



001F21

Inverse Universe

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



C261BD



FC65F5



C29661



615760



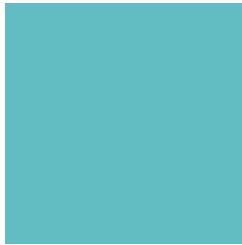
A10098



21001F

Previews

White Background



This preview shows how the Hex color 61BDC2 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 61BDC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

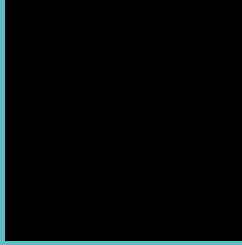
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

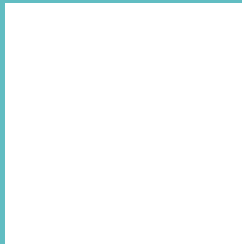
Any Text WCAG AAA ✓ Pass

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

Hex 61BDC2 Background



This preview shows how black text looks on a background with the Hex color 61BDC2.

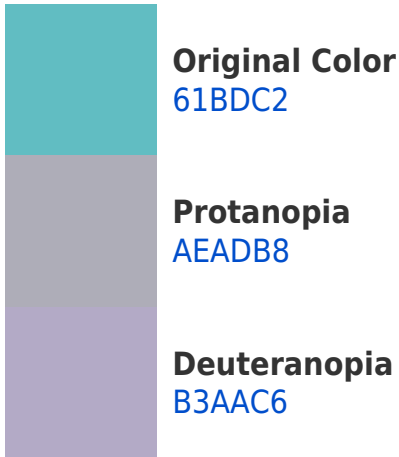


This preview shows how white text looks on a background with the Hex color 61BDC2.

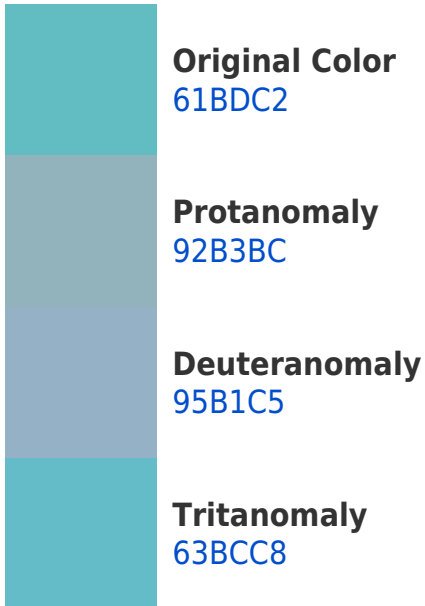
Color Blindness Simulation

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](#).

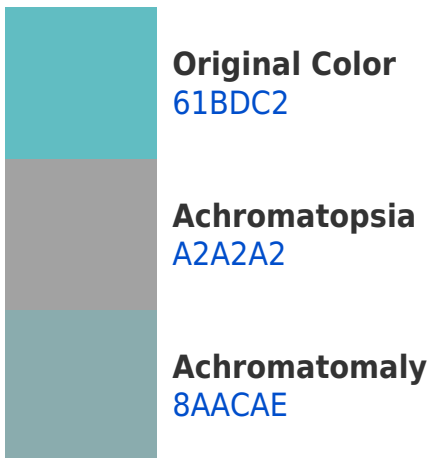
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61BDC2 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 #61BDC2 looks like.

```
.text, #text, p{  
    color:#61BDC2  
}
```

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 #61BDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BDC2
}
```

Border

The CSS property to change the border of an element to Hex 61BDC2 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
#61BDC2 }
```

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

```
.border{ border-color:#61BDC2 }
```

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

Here you see how a box with a 4 pixel #61BDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BDC2; -webkit-box-shadow:4px 4px  
4px 4px #61BDC2; box-shadow:4px 4px 4px  
4px #61BDC2 }
```

Background

The CSS property to change the background color of an element to Hex 61BDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BDC2 }
```

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

```
.background{ background-color:#61BDC2 }
```

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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