

Converting Colors

Hex(61B6CE)

Have a look what the booklet for
Hex(61B6CE) contains.

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Color

Hex(61B6CE)

Conversions

Conversions Part 1

Format	Color
Hex	61B6CE
RGB	97, 182, 206
RGB Percent	38%, 71%, 81%
CMY	0.6196, 0.2863, 0.1922
CMYK	0.53, 0.12, 0.00, 0.19
HSL	193°, 53%, 59%
HSV	193°, 53%, 81%
XYZ	32.7983, 40.4535, 64.4722
YIQ	159.3210, -58.3640, -10.5560

Conversions

Conversions Part 2

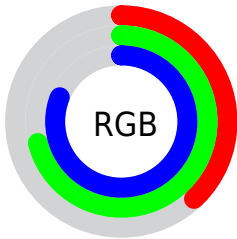
Format	Color
RYB	97, 145, 206
Decimal	6403790
CIELab	69.79, -19.09, -20.03
CIELCh	70, 27.667, 226.381
Yxy	40.4535, 0.2381, 0.2937
Android (android.graphics.Color)	4284593870 (0xFF61B6CE)
YUV	159.3210, 23.0127, -54.6555
Hunter-Lab	63.6031, -19.2580, -15.5780

Details

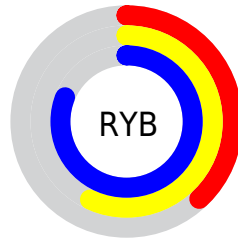
The Hex color **61B6CE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7961**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9BEEFF**, and **208198** is the 20% darker color. If you saturate the color by 10%, you get **4CB1CE**, and if you desaturate by 10%, it is **76BBCE**.

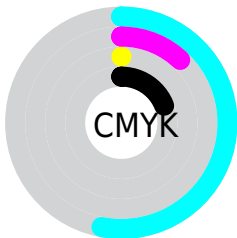
Distribution



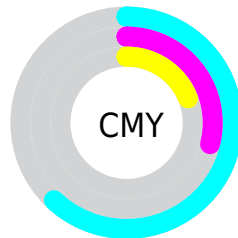
- Red (38%)
- Green (71%)
- Blue (81%)



- Red (38%)
- Yellow (57%)
- Blue (81%)



- Cyan (53%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B6CE 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 61B6CE by changing the saturation by 10% instead.

61B6CE

61B6CE

FFFFFF

439BB2

9BEEFF

208198

B8FFFF

00687E

D5FFFF

004F65

F3FFFF

00384D

002336

000221

000006

000000

 61B6CE

 61B6CE

 4CB1CE

 76BBCE

 38ADCE

 8ABFCE

 23A8CE

 9FC4CE

 0FA4CE

 B3C8CE

 00A1CE

 C8CDCE

 DDD1CE

 F1D6CE

 FFDACE

 FFDFCE

Harmonies

Analogous

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



61B8B8



61B6CE



7BB0DB

Triad

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



61B6CE



D599B7



AEAD7A

Complementary

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



61B6CE



CE7961

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.



C7A57A



61B6CE



DD989E

Square

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



61B6CE



BF9FCD



D89D87



92B487

Rectangle

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



61B6CE



92ABDC



D89D87



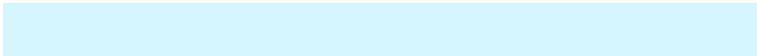
B7AB79

Sweetspot

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



61B6CE



D6F6FF



61CE79



677A80



000000



808080

Same Dimension

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



61B6CE



5EDCFF



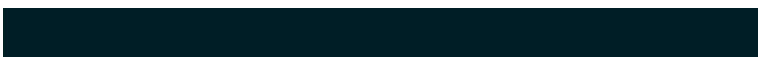
6180CE



5C6466



0081A6



001E26

Inverse Universe

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



CE61B6



FF5EDC



CEAF61



665C64



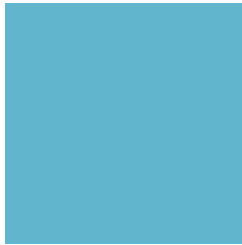
A60081



26001E

Previews

White Background



This preview shows how the Hex color 61B6CE looks on a white background.

Color Contrast Check

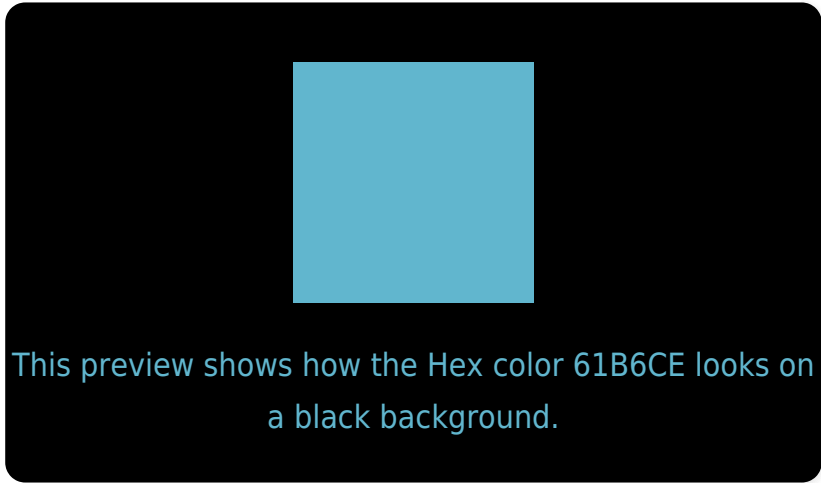
Large Text (above 18pt) WCAG AA × Fail

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 61B6CE Background



This preview shows how black text looks on a background with the Hex color 61B6CE.

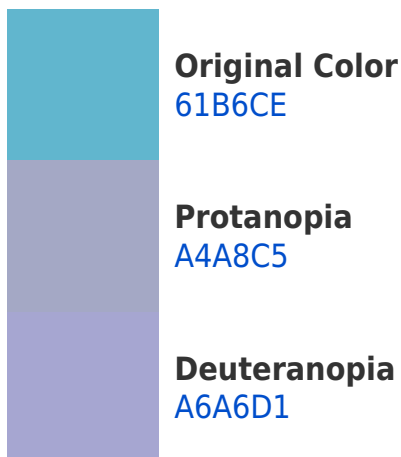


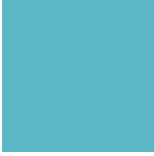
This preview shows how white text looks on a background with the Hex color 61B6CE.

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](#).

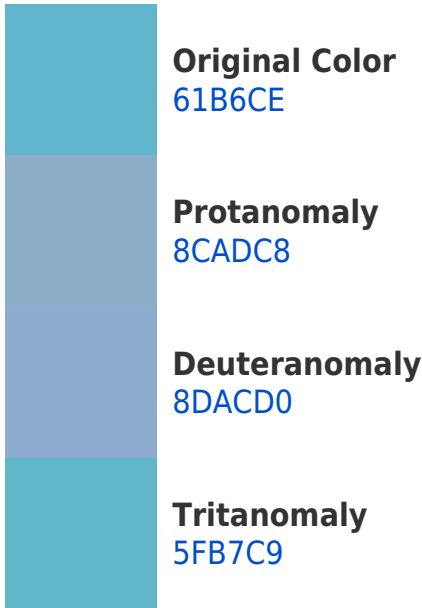
Dichromacy



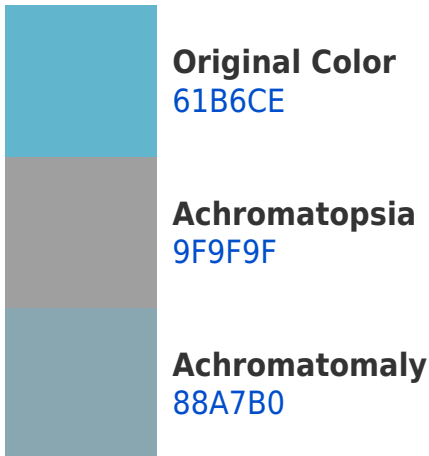


Tritanopia
5EB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B6CE 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 #61B6CE looks like.

```
.text, #text, p{  
    color:#61B6CE  
}
```

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 #61B6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B6CE
}
```

Border

The CSS property to change the border of an element to Hex 61B6CE 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
#61B6CE }
```

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

```
.border{ border-color:#61B6CE }
```

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

Here you see how a box with a 4 pixel #61B6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B6CE; -webkit-box-shadow:4px 4px  
4px 4px #61B6CE; box-shadow:4px 4px 4px  
4px #61B6CE }
```

Background

The CSS property to change the background color of an element to Hex 61B6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B6CE }
```

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

```
.background{ background-color:#61B6CE }
```

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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