

Converting Colors

Hex(61B6DC)

Have a look what the booklet for
Hex(61B6DC) contains.

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Color

Hex(61B6DC)

Conversions

Conversions Part 1

Format	Color
Hex	61B6DC
RGB	97, 182, 220
RGB Percent	38%, 71%, 86%
CMY	0.6196, 0.2863, 0.1373
CMYK	0.56, 0.17, 0.00, 0.14
HSL	199°, 64%, 62%
HSV	199°, 56%, 86%
XYZ	34.5760, 41.1646, 73.8334
YIQ	160.9170, -62.8580, -6.2020

Conversions

Conversions Part 2

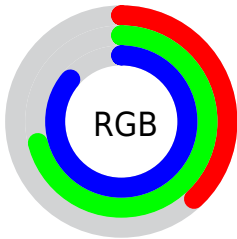
Format	Color
R_{YB}	97, 147, 220
Decimal	6403804
CIE _{Lab}	70.29, -15.02, -26.93
CIE _{LCh}	70, 30.834, 240.859
Y _{xy}	41.1646, 0.2312, 0.2752
Android (android.graphics.Color)	4284593884 (0xFF61B6DC)
YUV	160.9170, 29.1279, -56.0552
Hunter-Lab	64.1596, -16.0847, -23.3178

Details

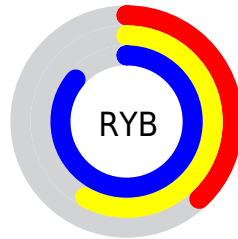
The Hex color **61B6DC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DC8761**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9CEEFF**, and **1B81A5** is the 20% darker color. If you saturate the color by 10%, you get **4BAFDC**, and if you desaturate by 10%, it is **77BDDC**.

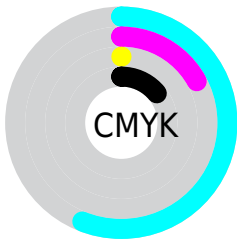
Distribution



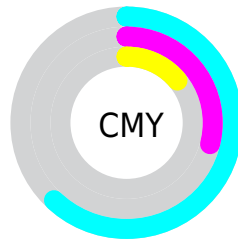
- Red (38%)
- Green (71%)
- Blue (86%)



- Red (38%)
- Yellow (58%)
- Blue (86%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (62%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B6DC 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 61B6DC by changing the saturation by 10% instead.

 61B6DC

 61B6DC

FFFFFF

 429BC0


 9CEEFF

 1B81A5

 B9FFFF

 00688A

 D7FFFF

 005071

 F5FFFF

 003958

 002341

 00052B

 000115

 000000

■ 61B6DC

■ 61B6DC

■ 4BAFDC

■ 77BDDC

■ 35A8DC

■ 8DC4DC

■ 1FA2DC

■ A3CADC

■ 099BDC

■ B9D1DC

■ 0098DC

■ CFD8DC

■ E5DFDC

■ FBE6DC

■ FFECDC

■ FFF3DC

Harmonies

Analogous

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



50BAC8



61B6DC



88AEE3

Triad

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



61B6DC



E197AC



A1B37B

Complementary

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



61B6DC



DC8761

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.



BFAA74



61B6DC



E39990

Square

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



61B6DC



D09BC8



D6A17C



80B990

Rectangle

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



61B6DC



A4A8E0



D6A17C



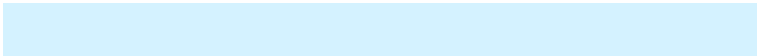
ABB077

Sweetspot

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



61B6DC



D4F2FF



61DC86



667880



000000



808080

Same Dimension

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



61B6DC



54CAFF



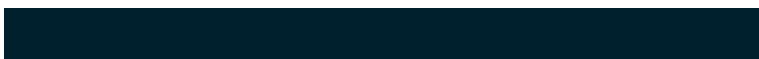
617ADC



636A6E



0078AD



00202E

Inverse Universe

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



DC61B6



FF54CA



DCC361



6E636A



AD0078



2E0020

Previews

White Background



This preview shows how the Hex color 61B6DC looks on a white background.

Color Contrast Check

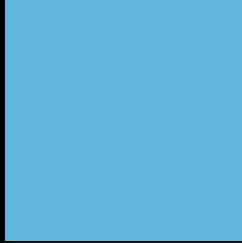
Large Text (above 18pt) WCAG AA × Fail

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 61B6DC 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 61B6DC Background



This preview shows how black text looks on a background with the Hex color 61B6DC.

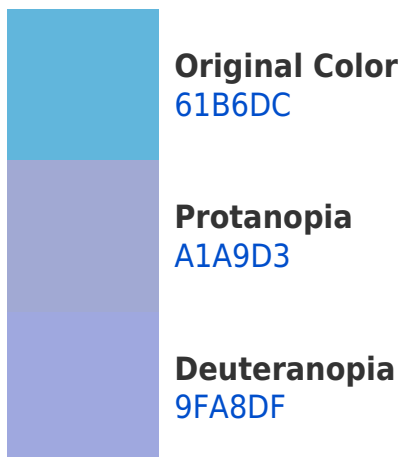


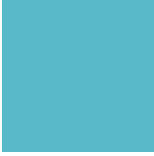
This preview shows how white text looks on a background with the Hex color 61B6DC.

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](#).

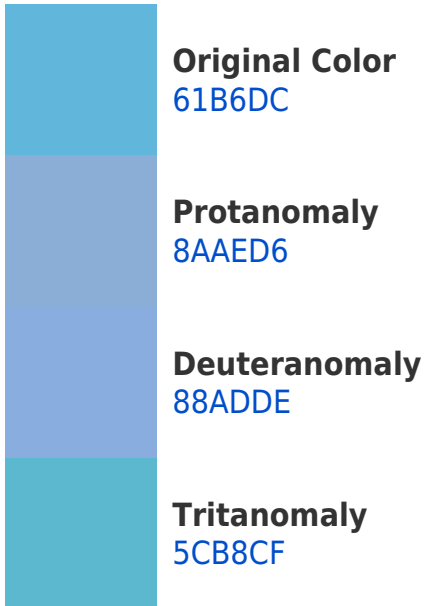
Dichromacy



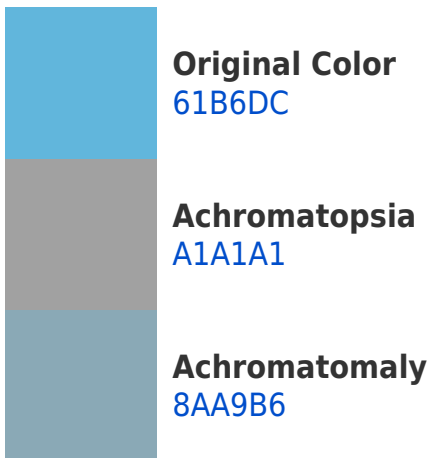


Tritanopia
59B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B6DC 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 #61B6DC looks like.

```
.text, #text, p{  
    color:#61B6DC  
}
```

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 #61B6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B6DC
}
```

Border

The CSS property to change the border of an element to Hex 61B6DC 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
#61B6DC }
```

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

```
.border{ border-color:#61B6DC }
```

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

Here you see how a box with a 4 pixel #61B6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B6DC; -webkit-box-shadow:4px 4px  
4px 4px #61B6DC; box-shadow:4px 4px 4px  
4px #61B6DC }
```

Background

The CSS property to change the background color of an element to Hex 61B6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B6DC }
```

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

```
.background{ background-color:#61B6DC }
```

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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