

Converting Colors

Hex(61BBD4)

Have a look what the booklet for
Hex(61BBD4) contains.

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Color

Hex(61BBD4)

Conversions

Conversions Part 1

Format	Color
Hex	61BBD4
RGB	97, 187, 212
RGB Percent	38%, 73%, 83%
CMY	0.6196, 0.2667, 0.1686
CMYK	0.54, 0.12, 0.00, 0.17
HSL	193°, 57%, 61%
HSV	193°, 54%, 83%
XYZ	34.5838, 42.8355, 68.7327
YIQ	162.9400, -61.6650, -11.3050

Conversions

Conversions Part 2

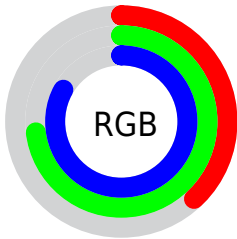
Format	Color
R _Y B	97, 147, 212
Decimal	6405076
CIE Lab	71.44, -19.95, -20.80
CIE LCh	71, 28.825, 226.191
Yxy	42.8355, 0.2366, 0.2931
Android (android.graphics.Color)	4284595156 (0xFF61BBD4)
YUV	162.9400, 24.1866, -57.8294
Hunter-Lab	65.4488, -20.2145, -16.4506

Details

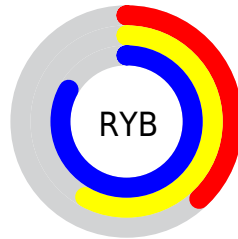
The Hex color **61BBD4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D47A61**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9BF3FF**, and **1D869D** is the 20% darker color. If you saturate the color by 10%, you get **4CB6D4**, and if you desaturate by 10%, it is **76C0D4**.

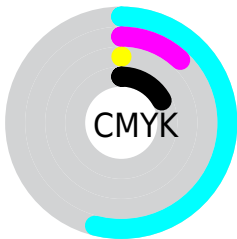
Distribution



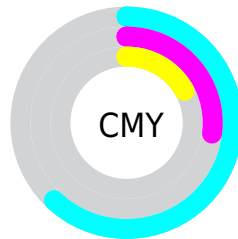
- Red (38%)
- Green (73%)
- Blue (83%)



- Red (38%)
- Yellow (58%)
- Blue (83%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (62%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61BBD4 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 61BBD4 by changing the saturation by 10% instead.

61BBD4

61BBD4

FFFFFF

42A0B8

9BF3FF

1D869D

B9FFFF

006C83

D6FFFF

00546A

F4FFFF

003C52

00263B

000C25

00010E

000000

■ 61BBD4

■ 61BBD4

■ 4CB6D4

■ 76C0D4

■ 37B2D4

■ 8BC4D4

■ 21ADD4

■ A1C9D4

■ 0CA9D4

■ B6CDD4

■ 00A6D4

■ CBD2D4

■ E0D7D4

■ F5DBD4

■ FFE0D4

■ FFE4D4

Harmonies

Analogous

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



61BEBD



61BBD4



7CB5E1

Triad

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



61BBD4



DB9DBC



B3B27C

Complementary

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



61BBD4



D47A61

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.



CDA97C



61BBD4



E49CA2

Square

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



61BBD4



C4A3D4



DEA18A



95B98A

Rectangle

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



61BBD4



95B0E3



DEA18A



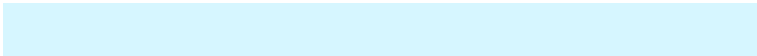
BCAF7B

Sweetspot

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



61BBD4



D6F6FF



61D47A



677A80



000000



808080

Same Dimension

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



61BBD4



59DBFF



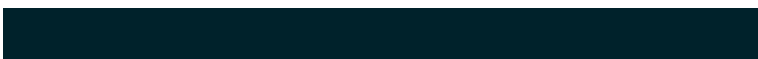
6182D4



60696B



0086AB



00222B

Inverse Universe

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



D461BB



FF59DB



D4B361



6B6069



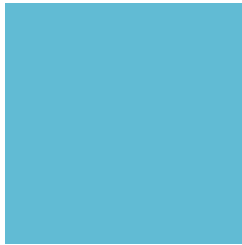
AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 61BBD4 looks on a white background.

Color Contrast Check

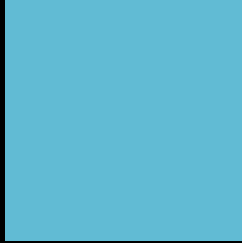
Large Text (above 18pt) WCAG AA × Fail

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 61BBD4 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 61BBD4 Background



This preview shows how black text looks on a background with the Hex color 61BBD4.

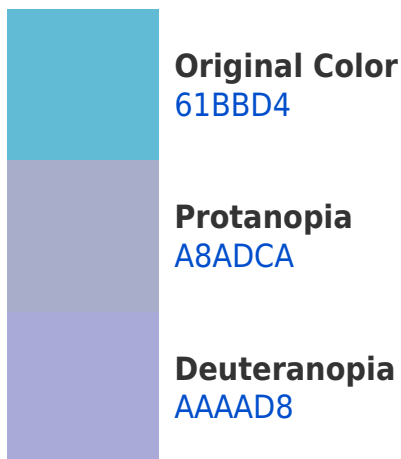


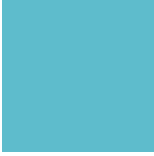
This preview shows how white text looks on a background with the Hex color 61BBD4.

Color Blindness Simulation

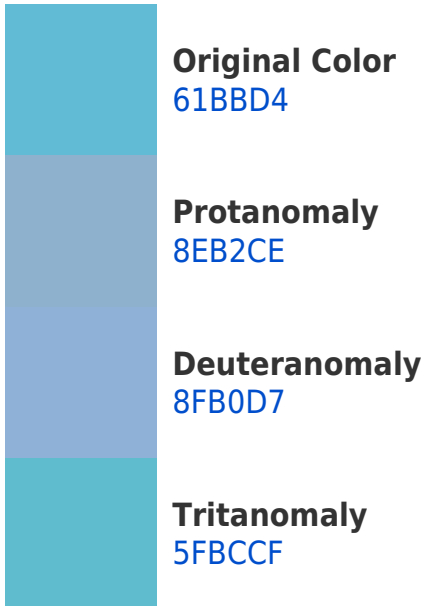
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

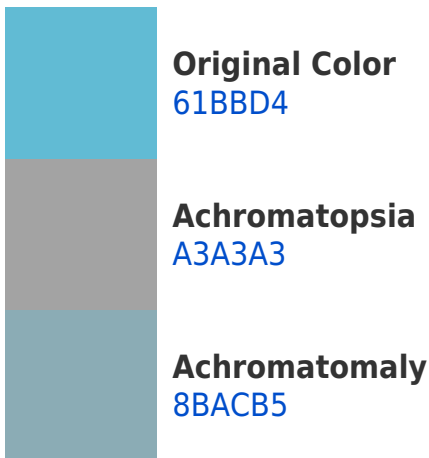




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61BBD4 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 #61BBD4 looks like.

```
.text, #text, p{  
    color:#61BBD4  
}
```

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 #61BBD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BBD4
}
```

Border

The CSS property to change the border of an element to Hex 61BBD4 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
#61BBD4 }
```

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

```
.border{ border-color:#61BBD4 }
```

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

Here you see how a box with a 4 pixel #61BBD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BBD4; -webkit-box-shadow:4px 4px  
4px 4px #61BBD4; box-shadow:4px 4px 4px  
4px #61BBD4 }
```

Background

The CSS property to change the background color of an element to Hex 61BBD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BBD4 }
```

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

```
.background{ background-color:#61BBD4 }
```

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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