

# Converting Colors

Hex(61B6C5)

Have a look what the booklet for  
Hex(61B6C5) contains.

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# **Color**

**Hex(61B6C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B6C5
RGB	97, 182, 197
RGB Percent	38%, 71%, 77%
CMY	0.6196, 0.2863, 0.2275
CMYK	0.51, 0.08, 0.00, 0.23
HSL	189°, 46%, 58%
HSV	189°, 51%, 77%
XYZ	31.7358, 40.0285, 58.8769
YIQ	158.2950, -55.4750, -13.3550

# Conversions

## Conversions Part 2

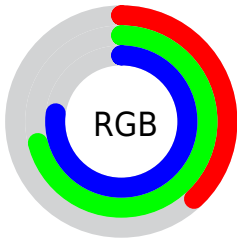
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 143, 197
Decimal	6403781
CIELab	69.49, -21.62, -15.54
CIELCh	69, 26.623, 215.719
Yxy	40.0285, 0.2429, 0.3064
Android (android.graphics.Color)	4284593861 (0xFF61B6C5)
YUV	158.2950, 19.0816, -53.7557
Hunter-Lab	63.2681, -21.1822, -10.8873

# Details

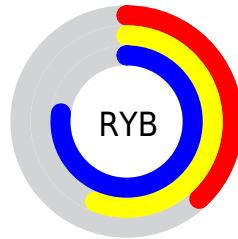
The Hex color **61B6C5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C57061**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9AEEFE**, and **22818F** is the 20% darker color. If you saturate the color by 10%, you get **4DB3C5**, and if you desaturate by 10%, it is **75B9C5**.

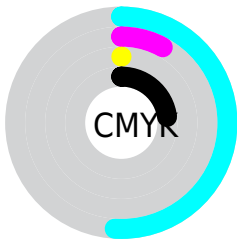
# Distribution



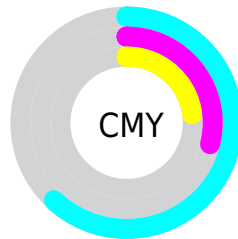
- Red (38%)
- Green (71%)
- Blue (77%)



- Red (38%)
- Yellow (56%)
- Blue (77%)



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (29%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61B6C5 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 61B6C5 by changing the saturation by 10% instead.



61B6C5

61B6C5

FFFFFF

449BAA

9AEEFE

22818F

B7FFFF

006876

D4FFFF

004F5D

F2FFFF

003845

00232F

00011B

000000

61B6C5

61B6C5

 4DB3C5

 75B9C5

 3AB0C5

 88BCC5

 26ADC5

 9CBFC5

 12AAC5

 B0C2C5

 00A7C5

 C4C5C5

 D7C8C5

 EBCBC5

 FFCEC5

 FFD1C5

# Harmonies

## Analogous

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



69B7AE



61B6C5



72B2D5

# Triad

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



61B6C5



CD9BBE



B7AA7A

# Complementary

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



61B6C5



C57061

# 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.



CCA27E



61B6C5



D998A6

# Square

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



61B6C5



B3A2D1



D99B8F



9CB182

# Rectangle

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



61B6C5



87ADD9



D99B8F



BEA77A

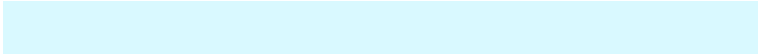


# Sweetspot

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



61B6C5



D9F9FF



61C570



697C80



000000



808080

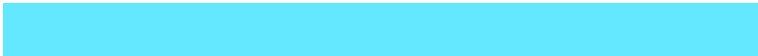


# Same Dimension

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



61B6C5



63E8FF



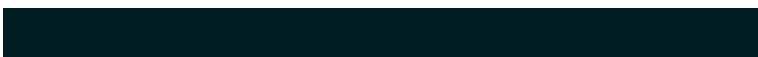
6184C5



5A6263



008BA3



001E24



# Inverse Universe

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



C561B6



FF63E8



C5A261



635A62



A3008B

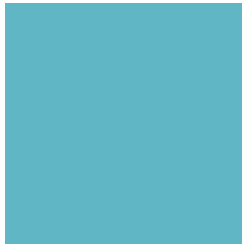


24001E



# Previews

## White Background



This preview shows how the Hex color 61B6C5 looks on a white background.

## Color Contrast Check

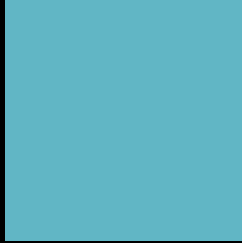
Large Text (above 18pt) WCAG AA × Fail

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 61B6C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

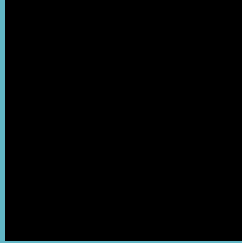
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61B6C5 Background



This preview shows how black text looks on a background with the Hex color 61B6C5.

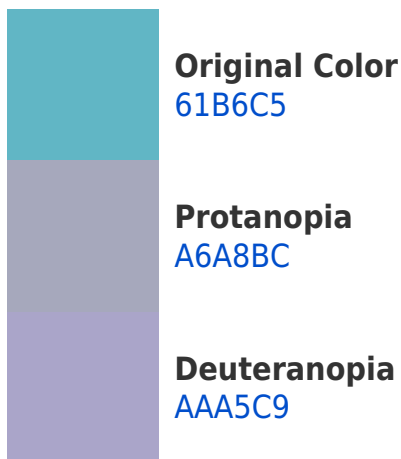


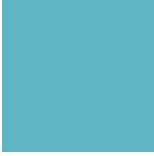
This preview shows how white text looks on a background with the Hex color 61B6C5.

# 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](#).

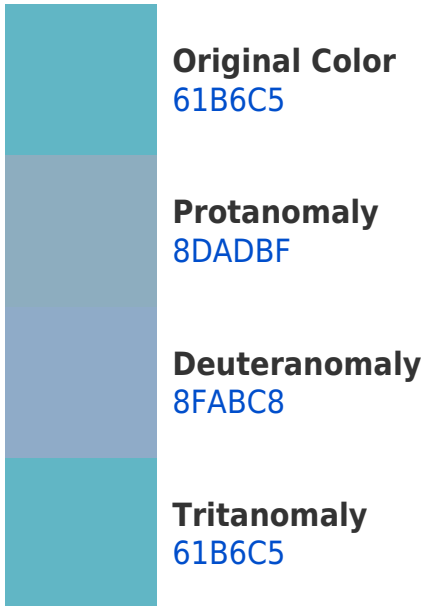
## Dichromacy





**Tritanopia**  
61B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61B6C5 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 #61B6C5 looks like.

```
.text, #text, p{  
    color:#61B6C5  
}
```

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 #61B6C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B6C5  
}
```

## Border

The CSS property to change the border of an element to Hex 61B6C5 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  
#61B6C5 }
```

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

```
.border{ border-color:#61B6C5 }
```

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

Here you see how a box with a 4 pixel #61B6C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B6C5; -webkit-box-shadow:4px 4px  
4px 4px #61B6C5; box-shadow:4px 4px 4px  
4px #61B6C5 }
```

# Background

The CSS property to change the background color of an element to Hex 61B6C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B6C5 }
```

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

```
.background{ background-color:#61B6C5 }
```

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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