

# Converting Colors

Hex(61CCD8)

Have a look what the booklet for  
Hex(61CCD8) contains.

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**Color**

**Hex(61CCD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61CCD8
RGB	97, 204, 216
RGB Percent	38%, 80%, 85%
CMY	0.6196, 0.2000, 0.1529
CMYK	0.55, 0.06, 0.00, 0.15
HSL	186°, 60%, 61%
HSV	186°, 55%, 85%
XYZ	38.9173, 50.6850, 72.6978
YIQ	173.3750, -67.6240, -18.9520

# Conversions

## Conversions Part 2

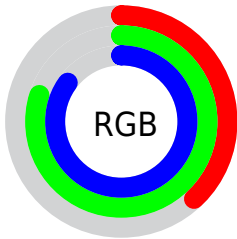
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 153, 216
Decimal	6409432
CIE <sub>Lab</sub>	76.49, -27.37, -15.34
CIE <sub>LCh</sub>	76, 31.378, 209.271
Yxy	50.6850, 0.2398, 0.3123
Android (android.graphics.Color)	4284599512 (0xFF61CCD8)
YUV	173.3750, 21.0141, -66.9809
Hunter-Lab	71.1934, -27.0128, -10.7075

# Details

The Hex color **61CCD8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D86D61**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9DFFFF**, and **1695A1** is the 20% darker color. If you saturate the color by 10%, you get **4BCAD8**, and if you desaturate by 10%, it is **77CED8**.

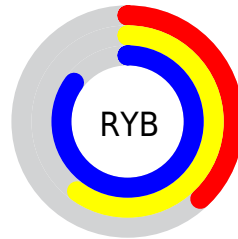
# Distribution



Red (38%)

Green (80%)

Blue (85%)



Red (38%)

Yellow (60%)

Blue (85%)

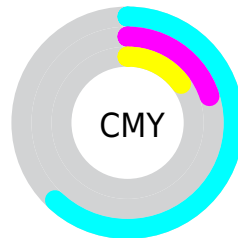


Cyan (55%)

Magenta (6%)

Yellow (0%)

Black (15%)



Cyan (62%)

Magenta (20%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61CCD8 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 61CCD8 by changing the saturation by 10% instead.



 61CCD8

 61CCD8

FFFFFF

 41B0BC

 9DFFFF

 1695A1

 BAFFFF

 007B87

 D8FFFF

 00626E

 F6FFFF

 004A55

 00333E

 002028

 000114

 000000

 61CCD8

 61CCD8

 4BCAD8

 77CED8

 36C8D8

 8CD0D8

 20C5D8

 A2D3D8

 0BC3D8

 B7D5D8

 00C2D8

 CDD7D8

 E3D9D8

 F8DBD8

 FFDDD8

 FFE0D8

# Harmonies

## Analogous

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



72CDBB



61CCD8



70C8EE

# Triad

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



61CCD8



E1ACDB



D2BB83

# Complementary

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



61CCD8



D86D61

# 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.



EAB18C



61CCD8



F4A7BF

# Square

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



61CCD8



C0B5EF



F6A9A2



B3C389

# Rectangle

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



61CCD8



88C3F5



F6A9A2



DBB784

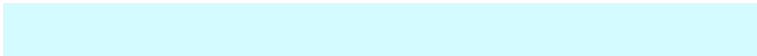


# Sweetspot

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



61CCD8



D4FBFF



61D86D



667D80



000000



808080



# Same Dimension

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



61CCD8



57EEFF



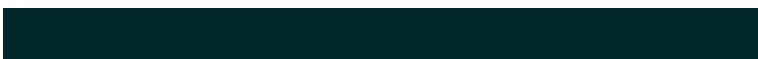
6191D8



606A6B



009AAB



00272B



# Inverse Universe

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



D861CC



FF57EE



D8A861



6B606A



AB009A

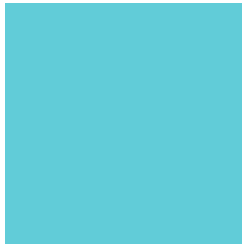


2B0027



# Previews

## White Background



This preview shows how the Hex color 61CCD8 looks on a white background.

## Color Contrast Check

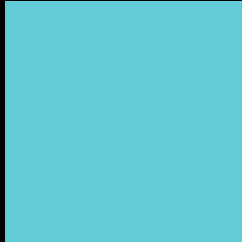
Large Text (above 18pt) WCAG AA × Fail

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 61CCD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

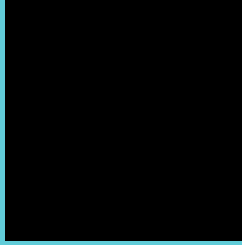
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61CCD8 Background



This preview shows how black text looks on a background with the Hex color 61CCD8.

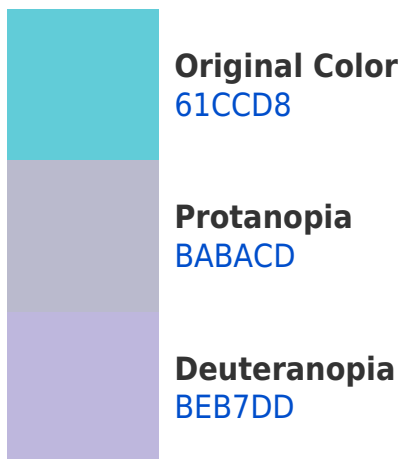


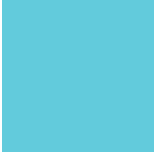
This preview shows how white text looks on a background with the Hex color 61CCD8.

# Color Blindness Simulation

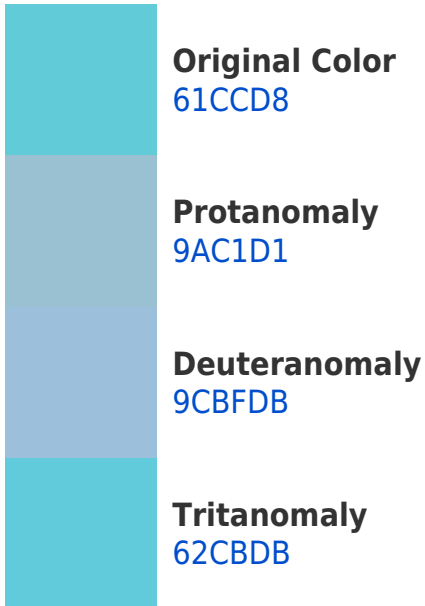
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61CCD8 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 #61CCD8 looks like.

```
.text, #text, p{  
    color:#61CCD8  
}
```

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 #61CCD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61CCD8  
}
```

## Border

The CSS property to change the border of an element to Hex 61CCD8 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  
#61CCD8 }
```

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

```
.border{ border-color:#61CCD8 }
```

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

Here you see how a box with a 4 pixel #61CCD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61CCD8; -webkit-box-shadow:4px 4px  
4px 4px #61CCD8; box-shadow:4px 4px 4px  
4px #61CCD8 }
```

# Background

The CSS property to change the background color of an element to Hex 61CCD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61CCD8 }
```

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

```
.background{ background-color:#61CCD8 }
```

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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