

# Converting Colors

Hex(61DCB6)

Have a look what the booklet for  
Hex(61DCB6) contains.

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**Color**

**Hex(61DCB6)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 61DCB6                       |
| RGB         | 97, 220, 182                 |
| RGB Percent | 38%, 86%, 71%                |
| CMY         | 0.6196, 0.1373, 0.2863       |
| CMYK        | 0.56, 0.00, 0.17, 0.14       |
| HSL         | 161°, 64%, 62%               |
| HSV         | 161°, 56%, 86%               |
| XYZ         | 38.9665, 57.1052, 53.2246    |
| YIQ         | 178.8910, -61.1100, -37.8940 |

# Conversions

## Conversions Part 2

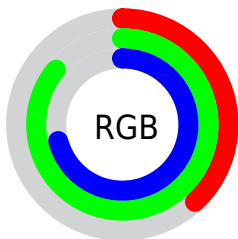
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 97, 170, 220                  |
| Decimal                             | 6413494                       |
| CIELab                              | 80.24, -43.38, 8.38           |
| CIELCh                              | 80, 44.185, 169.067           |
| Yxy                                 | 57.1052, 0.2610,<br>0.3825    |
| Android<br>(android.graphics.Color) | 4284603574<br>(0xFF61DCB6)    |
| YUV                                 | 178.8910, 1.5327,<br>-71.8184 |
| Hunter-Lab                          | 75.5680, -40.2008,<br>11.1380 |

# Details

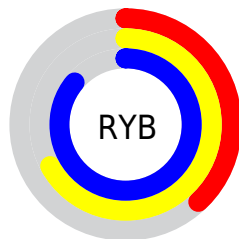
The Hex color **61DCB6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC6187**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9CFFEE**, and **18A481** is the 20% darker color. If you saturate the color by 10%, you get **4BDCAF**, and if you desaturate by 10%, it is **77DCBD**.

# Distribution



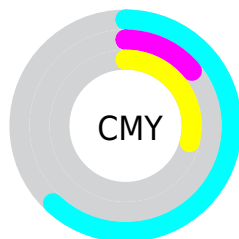
- Red (38%)
- Green (86%)
- Blue (71%)



- Red (38%)
- Yellow (67%)
- Blue (86%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 61DCB6 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 61DCB6 by changing the saturation by 10% instead.



 61DCB6

FFFFFF

 9CFFEE

 BAFFFF

 D8FFFF


 F6FFFF

 61DCB6

 41C09B

 18A481

 008968

 006F50

 005639

 003E23

 00290E

 000200

 000000

 61DCB6

 61DCB6

 4BDCAF

 77DCBD

 35DCA8

 8DDCC4

 1FDCA2

 A3DCCA

 09DC9B

 B9DCD1

 00DC98

 CFDCD8

 E5DCDF

 FBDCE6

 FFDCEC

 FFDCF3

# Harmonies

## Analogous

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



98D78F



61DCB6



0BDDE1

# Triad

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



61DCB6



B5C2FF



FFB18A

# Complementary

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



61DCB6



DC6187

# 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.



FFA8AE



61DCB6



ECB3FD

# Square

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



61DCB6



6DD0FF



FFA8D8



EFBF76

# Rectangle

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



61DCB6



00DBFA



FFA8D8



FFAD95

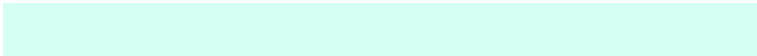


# Sweetspot

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



61DCB6



D4FFF2



88DC61



668078



000000



808080



# Same Dimension

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



61DCB6



54FFCA



61C5DC



636E6A



00AD78



002E20



# Inverse Universe

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



DC6187



FF5489



DC7861



6E6366



AD0036

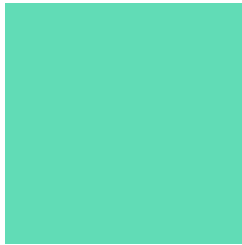


2E000E



# Previews

## White Background



This preview shows how the Hex color 61DCB6 looks on a white background.

## Color Contrast Check

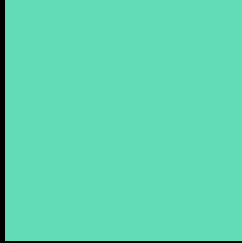
Large Text (above 18pt) WCAG AA × Fail

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 61DCB6 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 61DCB6 Background



This preview shows how black text looks on a background with the Hex color 61DCB6.

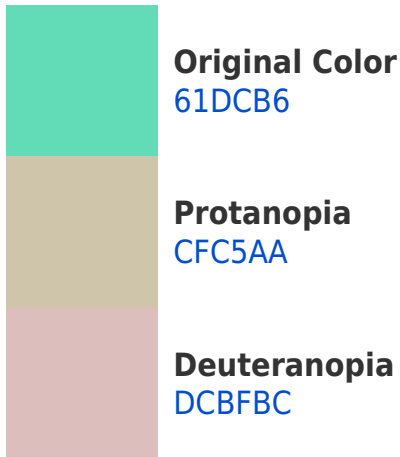


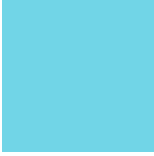
This preview shows how white text looks on a background with the Hex color 61DCB6.

# 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**  
71D5E7

# Trichromacy



**Original Color**  
61DCB6



**Protanomaly**  
A7CDAE



**Deuteranomaly**  
AFCABA

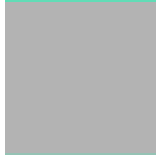


**Tritanomaly**  
6BD8D5

# Monochromacy



**Original Color**  
61DCB6



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
95C2B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61DCB6 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 #61DCB6 looks like.

```
.text, #text, p{  
    color:#61DCB6  
}
```

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 #61DCB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61DCB6  
}
```

## Border

The CSS property to change the border of an element to Hex 61DCB6 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  
#61DCB6 }
```

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

```
.border{ border-color:#61DCB6 }
```

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

Here you see how a box with a 4 pixel #61DCB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61DCB6; -webkit-box-shadow:4px 4px  
4px 4px #61DCB6; box-shadow:4px 4px 4px  
4px #61DCB6 }
```

# Background

The CSS property to change the background color of an element to Hex 61DCB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61DCB6 }
```

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

```
.background{ background-color:#61DCB6 }
```

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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