

Converting Colors

Hex(61DCEC)

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

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Color

Hex(61DCEC)

Conversions

Conversions Part 1

Format	Color
Hex	61DCEC
RGB	97, 220, 236
RGB Percent	38%, 86%, 93%
CMY	0.6196, 0.1373, 0.0745
CMYK	0.59, 0.07, 0.00, 0.07
HSL	187°, 79%, 65%
HSV	187°, 59%, 93%
XYZ	45.6633, 59.7839, 88.4896
YIQ	185.0470, -78.4440, -21.1000

Conversions

Conversions Part 2

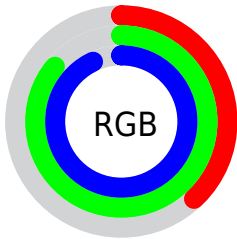
Format	Color
RYB	97, 162, 236
Decimal	6413548
CIELab	81.72, -29.61, -18.16
CIElCh	82, 34.731, 211.521
Yxy	59.7839, 0.2355, 0.3083
Android (android.graphics.Color)	4284603628 (0xFF61DCEC)
YUV	185.0470, 25.1198, -77.2172
Hunter-Lab	77.3201, -29.8925, -13.7309

Details

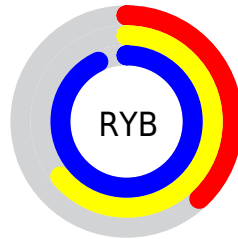
The Hex color **61DCEC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EC7161**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9FFFFFF**, and **01A5B4** is the 20% darker color. If you saturate the color by 10%, you get **49D9EC**, and if you desaturate by 10%, it is **79DFEC**.

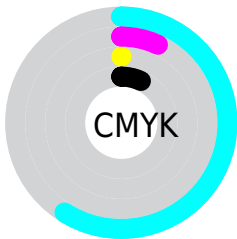
Distribution



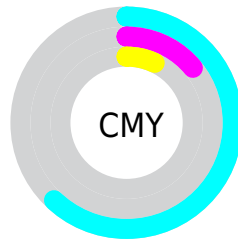
- Red (38%)
- Green (86%)
- Blue (93%)



- Red (38%)
- Yellow (64%)
- Blue (93%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 61DCEC

 61DCEC

FFFFFF

 3EC0D0

 9FFFFFF

 01A5B4

 BEFFFF

 008A99

 DCFFFF


 00707F


 FBFFFF

 005766

 003F4E

 002937

 000E22

 000009

 61DCEC

 61DCEC

 49D9EC

 79DFEC

 32D7EC

 90E1EC

 1AD4EC

 A8E4EC

 03D1EC

 BFE7EC

 00D1EC

 D7EAEC

 EFECEC

 FFEFEC

 FFF2EC

 FFF4EC

Harmonies

Analogous

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



74DDCC



61DCEC



75D7FF

Triad

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



61DCEC



F6B8EB



E0CA8A

Complementary

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



61DCEC



EC7161

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.



FCBF93



61DCEC



FFB3CB

Square

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



61DCEC



D2C2FF



FFB6AB



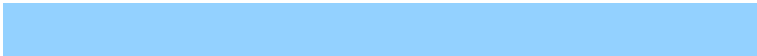
BED393

Rectangle

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



61DCEC



93D1FF



FFB6AB



EAC68B

Sweetspot

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



61DCEC



D1FAFF



61EC6F



637C80



000000



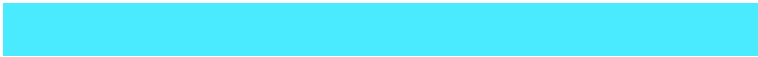
808080

Same Dimension

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



61DCEC



4AEAFF



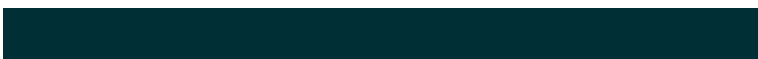
6199EC



6A7475



00A0B5



002F36

Inverse Universe

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



EC61DC



FF4AEA



ECB461



756A74



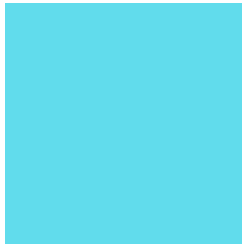
B500A0



36002F

Previews

White Background



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

Color Contrast Check

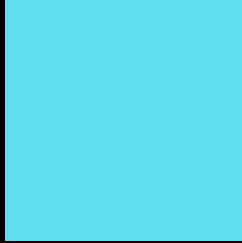
Large Text (above 18pt) WCAG AA × Fail

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 61DCEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

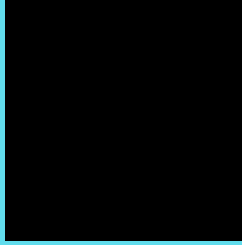
Any Text WCAG AA ✓ Pass

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 61DCEC Background



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

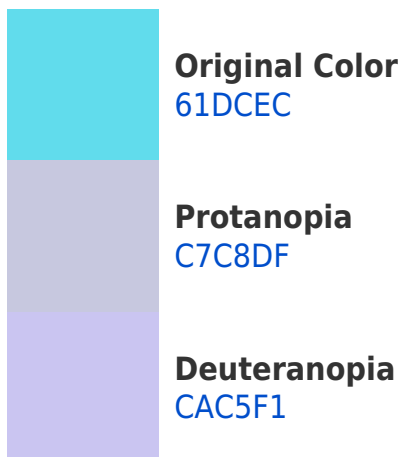


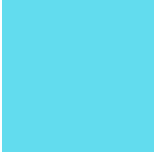
This preview shows how white text looks on a background with the Hex color 61DCEC.

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](#).

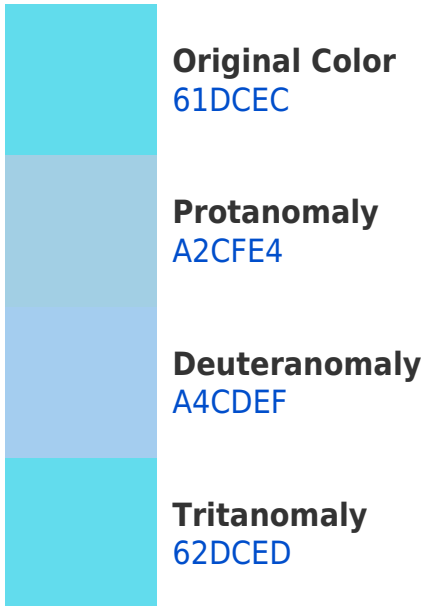
Dichromacy



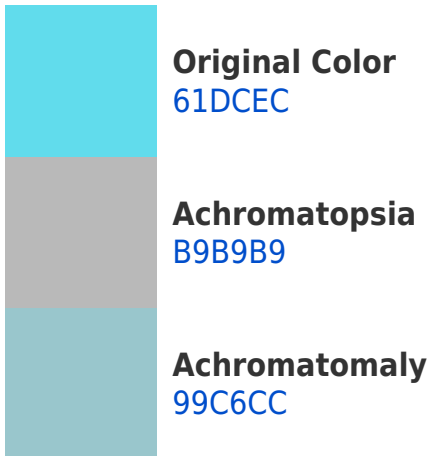


Tritanopia
62DCEE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #61DCEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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