

Converting Colors

Hex(61D7E9)

Have a look what the booklet for
Hex(61D7E9) contains.

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Color

Hex(61D7E9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 61D7E9 |
| RGB | 97, 215, 233 |
| RGB Percent | 38%, 84%, 91% |
| CMY | 0.6196, 0.1569, 0.0863 |
| CMYK | 0.58, 0.08, 0.00, 0.09 |
| HSL | 188°, 76%, 65% |
| HSV | 188°, 58%, 91% |
| XYZ | 43.9382, 57.0255, 85.7820 |
| YIQ | 181.7700, -76.1060, -19.4180 |

Conversions

Conversions Part 2

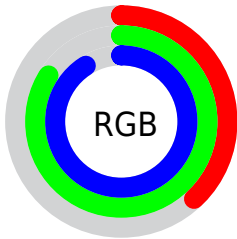
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 97, 160, 233 |
| Decimal | 6412265 |
| CIELab | 80.19, -28.02, -18.87 |
| CIELCh | 80, 33.780, 213.952 |
| Yxy | 57.0255, 0.2353, 0.3054 |
| Android (android.graphics.Color) | 4284602345 (0xFF61D7E9) |
| YUV | 181.7700, 25.2564, -74.3433 |
| Hunter-Lab | 75.5152, -28.2922, -14.4902 |

Details

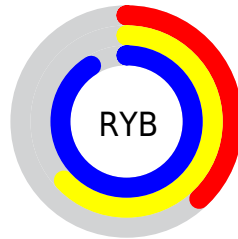
The Hex color **61D7E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E97361**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9FFFFFF**, and **07A0B1** is the 20% darker color. If you saturate the color by 10%, you get **4AD4E9**, and if you desaturate by 10%, it is **78DAE9**.

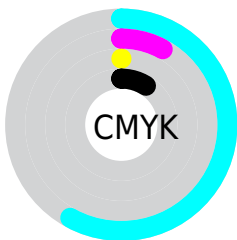
Distribution



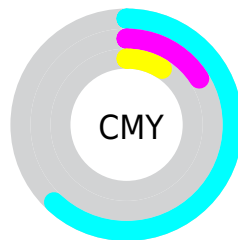
- Red (38%)
- Green (84%)
- Blue (91%)



- Red (38%)
- Yellow (63%)
- Blue (91%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (62%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D7E9 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 61D7E9 by changing the saturation by 10% instead.

 61D7E9

 61D7E9

FFFFFF

 3FBBCD

 9FFFFFF

 07A0B1

 BDFFFF

 008597

 DBFFFF

 006C7D

 FAFFFF

 005364

 003C4C

 002635

 000320

 000005

■ 61D7E9

■ 61D7E9

■ 4AD4E9

■ 78DAE9

■ 32D1E9

■ 90DDE9

■ 1BCEE9

■ A7E0E9

■ 04CBE9

■ BEE3E9

■ 00CAE9

■ D5E6E9

■ EDEAE9

■ FFEDE9

■ FFF0E9

■ FFF3E9

Harmonies

Analogous

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



70D8CA



61D7E9



77D2FF

Triad

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



61D7E9



F3B4E3



D9C688

Complementary

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



61D7E9



E97361

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.



F4BC8F



61D7E9



FFAFC4

Square

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



61D7E9



D1BDFB



FFB3A5



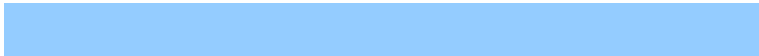
B7D092

Rectangle

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



61D7E9



94CCFF



FFB3A5



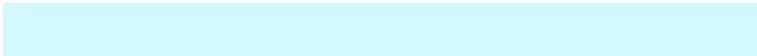
E3C388

Sweetspot

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



61D7E9



D1F9FF



61E971



637C80



000000



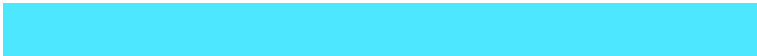
808080

Same Dimension

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



61D7E9



4DE7FF



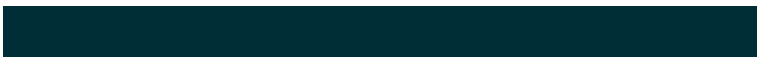
6195E9



6A7475



009DB5



002E36

Inverse Universe

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



E961D7



FF4DE7



E9B561



756A74



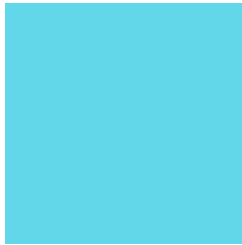
B5009D



36002E

Previews

White Background



This preview shows how the Hex color 61D7E9 looks on a white background.

Color Contrast Check

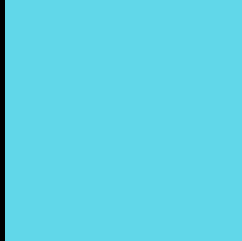
Large Text (above 18pt) WCAG AA × Fail

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 61D7E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

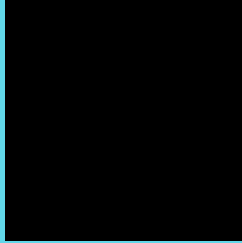
Any Text WCAG AA ✓ Pass

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 61D7E9 Background



This preview shows how black text looks on a background with the Hex color 61D7E9.

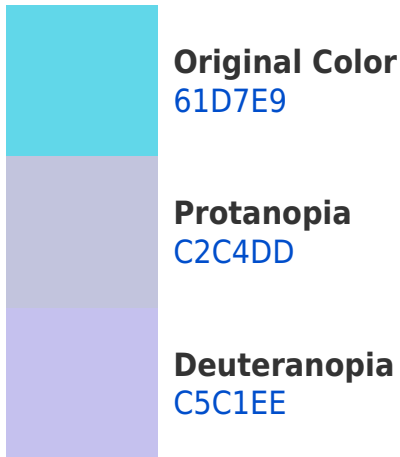


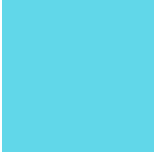
This preview shows how white text looks on a background with the Hex color 61D7E9.

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](#).

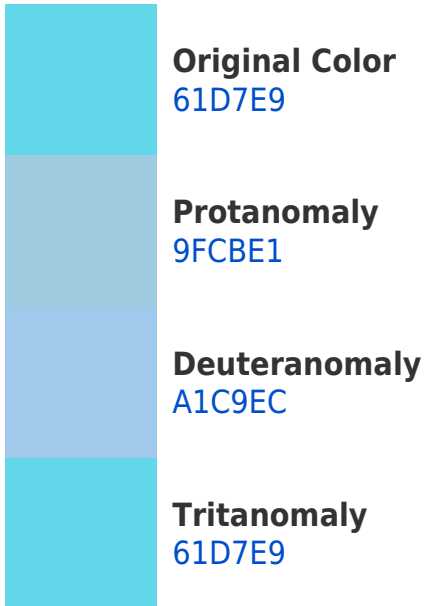
Dichromacy





Tritanopia
61D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61D7E9 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 #61D7E9 looks like.

```
.text, #text, p{  
    color:#61D7E9  
}
```

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 #61D7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D7E9
}
```

Border

The CSS property to change the border of an element to Hex 61D7E9 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
#61D7E9 }
```

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

```
.border{ border-color:#61D7E9 }
```

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

Here you see how a box with a 4 pixel #61D7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D7E9; -webkit-box-shadow:4px 4px  
4px 4px #61D7E9; box-shadow:4px 4px 4px  
4px #61D7E9 }
```

Background

The CSS property to change the background color of an element to Hex 61D7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D7E9 }
```

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

```
.background{ background-color:#61D7E9 }
```

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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