

Converting Colors

Hex(61E1D3)

Have a look what the booklet for
Hex(61E1D3) contains.

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Color

Hex(61E1D3)

Conversions

Conversions Part 1

Format	Color
Hex	61E1D3
RGB	97, 225, 211
RGB Percent	38%, 88%, 83%
CMY	0.6196, 0.1176, 0.1725
CMYK	0.57, 0.00, 0.06, 0.12
HSL	173°, 68%, 63%
HSV	173°, 57%, 88%
XYZ	43.6129, 61.0950, 71.1219
YIQ	185.1320, -71.7940, -31.4900

Conversions

Conversions Part 2

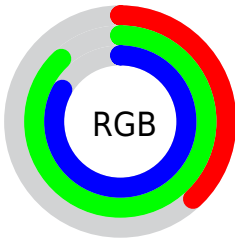
Format	Color
RYB	97, 165, 225
Decimal	6414803
CIELab	82.43, -38.61, -3.82
CIElCh	82, 38.803, 185.657
Yxy	61.0950, 0.2480, 0.3475
Android (android.graphics.Color)	4284604883 (0xFF61E1D3)
YUV	185.1320, 12.7529, -77.2918
Hunter-Lab	78.1633, -37.1879, 0.7655

Details

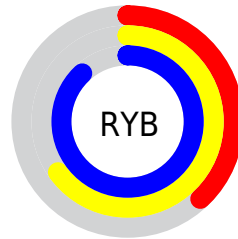
The Hex color **61E1D3** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E1616F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9EFFFF**, and **0DA99D** is the 20% darker color. If you saturate the color by 10%, you get **4BE1D1**, and if you desaturate by 10%, it is **77E1D5**.

Distribution



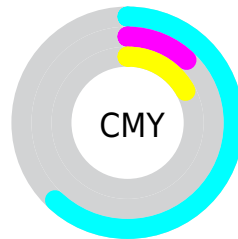
- Red (38%)
- Green (88%)
- Blue (83%)



- Red (38%)
- Yellow (65%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (62%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E1D3 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 61E1D3 by changing the saturation by 10% instead.

 61E1D3

 61E1D3

FFFFFF

 3FC5B7

 9EFFFF

 0DA99D

 BCFFFF

 008E83

 DAFFFF

 007469

 F9FFFF

 005B51

 00423A

 002C25

 001010

 000000

 61E1D3

 61E1D3

 4BE1D1

 77E1D5

 34E1CE

 8EE1D8

 1EE1CC

 A5E1DA

 07E1C9

 BBE1DD

 00E1C8

 D2E1DF

 E8E1E2

 FFE1E4

 FFE1E7

 FFE1E9

Harmonies

Analogous

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



8CDEAE



61E1D3



4BDFF6

Triad

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



61E1D3



DBC1FF



FFC18C

Complementary

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



61E1D3



E1616F

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.



FFB6A4



61E1D3



FFB6EC

Square

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



61E1D3



A6CEFF



FFB1C7



DFCD84

Rectangle

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



61E1D3



5DDCFF



FFB1C7



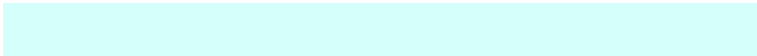
FFBD92

Sweetspot

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



61E1D3



D4FFFA



70E161



66807D



000000



808080

Same Dimension

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



61E1D3



52FFEC



61B0E1



65706F



00B09D



00302B

Inverse Universe

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



E1616F



FF5265



E19261



706566



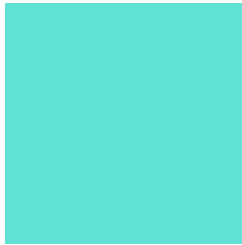
B00013



300005

Previews

White Background



This preview shows how the Hex color 61E1D3 looks on a white background.

Color Contrast Check

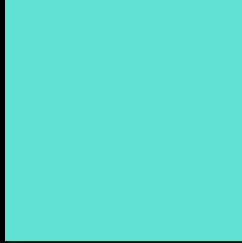
Large Text (above 18pt) WCAG AA × Fail

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 61E1D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

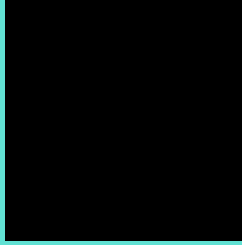
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

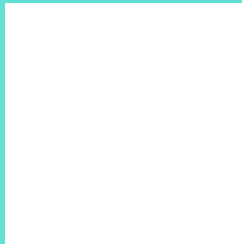
Any Text WCAG AAA ✓ Pass

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

Hex 61E1D3 Background



This preview shows how black text looks on a background with the Hex color 61E1D3.



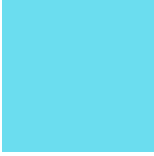
This preview shows how white text looks on a background with the Hex color 61E1D3.

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
6BDDEF

Trichromacy



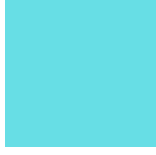
Original Color
61E1D3



Protanomaly
A8D3CB



Deuteranomaly
ADD0D7

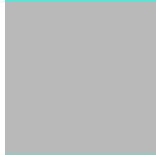


Tritanomaly
67DEE5

Monochromacy



Original Color
61E1D3



Achromatopsia
B9B9B9



Achromatomaly
99C8C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E1D3 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 #61E1D3 looks like.

```
.text, #text, p{  
    color:#61E1D3  
}
```

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 #61E1D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E1D3
}
```

Border

The CSS property to change the border of an element to Hex 61E1D3 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
#61E1D3 }
```

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

```
.border{ border-color:#61E1D3 }
```

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

Here you see how a box with a 4 pixel #61E1D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E1D3; -webkit-box-shadow:4px 4px  
4px 4px #61E1D3; box-shadow:4px 4px 4px  
4px #61E1D3 }
```

Background

The CSS property to change the background color of an element to Hex 61E1D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E1D3 }
```

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

```
.background{ background-color:#61E1D3 }
```

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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