

Converting Colors

Hex(61E2E7)

Have a look what the booklet for
Hex(61E2E7) contains.

Hex(61E2E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61E2E7)

Conversions

Conversions Part 1

Format	Color
Hex	61E2E7
RGB	97, 226, 231
RGB Percent	38%, 89%, 91%
CMY	0.6196, 0.1137, 0.0941
CMYK	0.58, 0.02, 0.00, 0.09
HSL	182°, 74%, 64%
HSV	182°, 58%, 91%
XYZ	46.5499, 62.7036, 85.2509
YIQ	187.9990, -78.4890, -25.7930

Conversions

Conversions Part 2

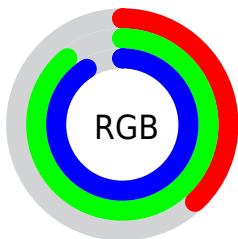
Format	Color
RYB	97, 163, 231
Decimal	6415079
CIELab	83.29, -33.84, -13.15
CIElCh	83, 36.303, 201.242
Yxy	62.7036, 0.2393, 0.3224
Android (android.graphics.Color)	4284605159 (0xFF61E2E7)
YUV	187.9990, 21.1995, -79.8061
Hunter-Lab	79.1856, -33.6421, -8.4014

Details

The Hex color **61E2E7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E76661**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9FFFFFF**, and **00AAAF** is the 20% darker color. If you saturate the color by 10%, you get **4AE1E7**, and if you desaturate by 10%, it is **78E3E7**.

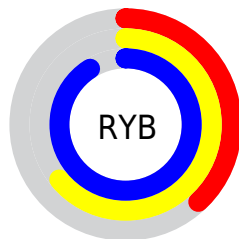
Distribution



Red (38%)

Green (89%)

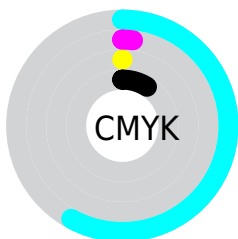
Blue (91%)



Red (38%)

Yellow (64%)

Blue (91%)

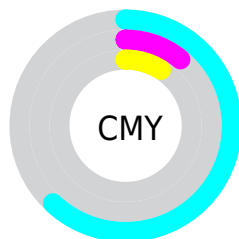


Cyan (58%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (62%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E2E7 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 61E2E7 by changing the saturation by 10% instead.

 61E2E7

 61E2E7

FFFFFF

 3EC6CB

 9FFFFFF

 00AAAF

 BEFFFF

 008F95

 DCFFFF

 00757B

 FBFFFF

 005C62

 00444A

 002D34

 00151F

 000004

61E2E7

61E2E7

4AE1E7

78E3E7

33E0E7

8FE4E7

1CDFE7

A6E5E7

05DFE7

BDE5E7

00DEE7

D5E6E7

ECE7E7

FFE8E7

FFE9E7

FFEA E7

Harmonies

Analogous

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



7FE2C4



61E2E7



68DEFF

Triad

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



61E2E7



F1BEFB



F0CA8C

Complementary

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



61E2E7



E76661

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.



FFBF9C



61E2E7



FFB7DB

Square

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



61E2E7



C6CAFF



FFB7B8



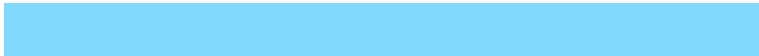
CED58F

Rectangle

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



61E2E7



82D9FF



FFB7B8



FAC68F

Sweetspot

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



61E2E7



D4FDFD



61E765



667F80



000000



808080

Same Dimension

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



61E2E7



4DF8FF



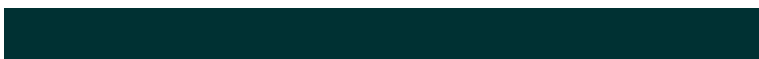
61A0E7



677273



00ACB3



003133

Inverse Universe

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



E761E2



FF4DF8



E7A861



736772



B300AC



330031

Previews

White Background



This preview shows how the Hex color 61E2E7 looks on a white background.

Color Contrast Check

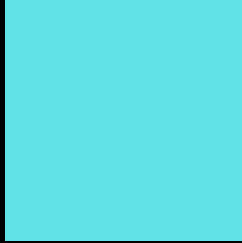
Large Text (above 18pt) WCAG AA × Fail

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 61E2E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

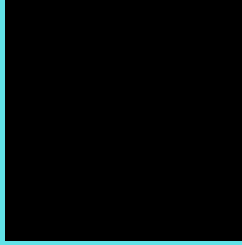
Any Text WCAG AA ✓ Pass

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 61E2E7 Background



This preview shows how black text looks on a background with the Hex color 61E2E7.

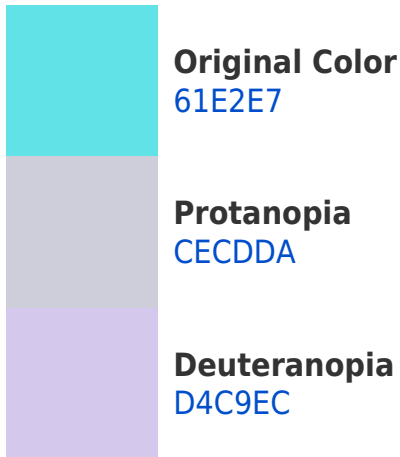


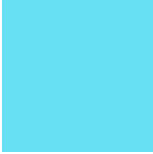
This preview shows how white text looks on a background with the Hex color 61E2E7.

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](#).

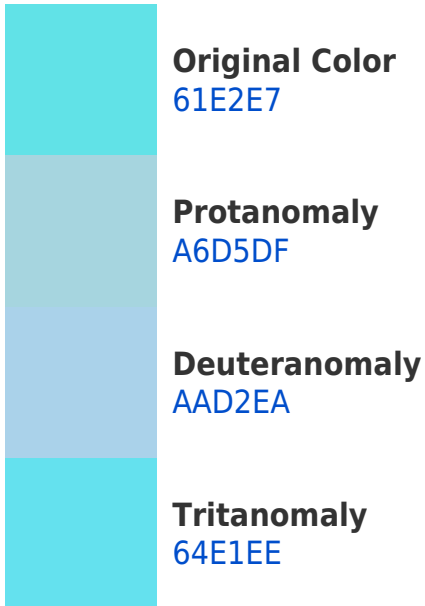
Dichromacy



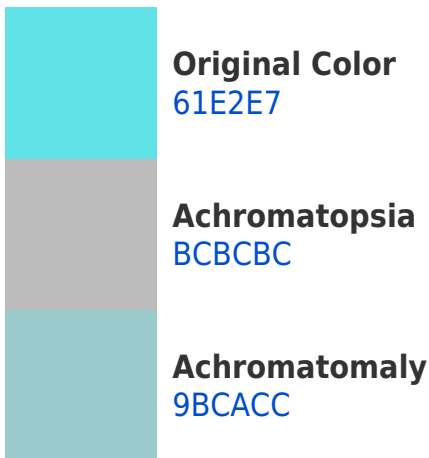


Tritanopia
66E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61E2E7 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 #61E2E7 looks like.

```
.text, #text, p{  
    color:#61E2E7  
}
```

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 #61E2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E2E7
}
```

Border

The CSS property to change the border of an element to Hex 61E2E7 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
#61E2E7 }
```

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

```
.border{ border-color:#61E2E7 }
```

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

Here you see how a box with a 4 pixel #61E2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E2E7; -webkit-box-shadow:4px 4px  
4px 4px #61E2E7; box-shadow:4px 4px 4px  
4px #61E2E7 }
```

Background

The CSS property to change the background color of an element to Hex 61E2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E2E7 }
```

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

```
.background{ background-color:#61E2E7 }
```

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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