

Converting Colors

Hex(61E2E1)

Have a look what the booklet for
Hex(61E2E1) contains.

Hex(61E2E1)	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(61E2E1)

Conversions

Conversions Part 1

Format	Color
Hex	61E2E1
RGB	97, 226, 225
RGB Percent	38%, 89%, 88%
CMY	0.6196, 0.1137, 0.1176
CMYK	0.57, 0.00, 0.00, 0.11
HSL	180°, 69%, 63%
HSV	180°, 57%, 89%
XYZ	45.7167, 62.3703, 80.8633
YIQ	187.3150, -76.5630, -27.6590

Conversions

Conversions Part 2

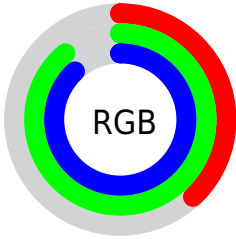
Format	Color
RYB	97, 162, 226
Decimal	6415073
CIELab	83.11, -35.44, -10.24
CIELCh	83, 36.891, 196.113
Yxy	62.3703, 0.2420, 0.3301
Android (android.graphics.Color)	4284605153 (0xFF61E2E1)
YUV	187.3150, 18.5787, -79.2063
Hunter-Lab	78.9749, -34.8766, -5.4253

Details

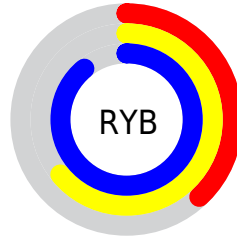
The Hex color **61E2E1** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E26162**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9FFFFFF**, and **04AAAA** is the 20% darker color. If you saturate the color by 10%, you get **4AE2E1**, and if you desaturate by 10%, it is **78E2E1**.

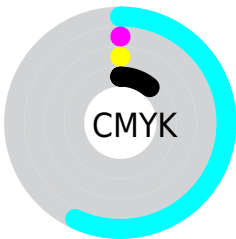
Distribution



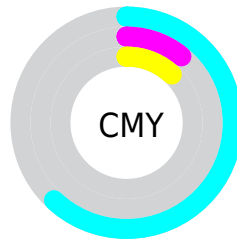
- Red (38%)
- Green (89%)
- Blue (88%)



- Red (38%)
- Yellow (64%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E2E1 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 61E2E1 by changing the saturation by 10% instead.

 61E2E1

 61E2E1

FFFFFF

 3EC6C5

 9FFFFFF

 04AAAA

 BDFFFF

 008F8F

 DCFFFF

 007576

 FAFFFF


 005C5D

 004446

 002D2F

 00141B

 000000

 61E2E1

 61E2E1

 4AE2E1

 78E2E1

 34E2E1

 8EE2E1

 1DE2E0

 A5E2E2

 07E2E0

 BBE2E2

 00E2E0

 D2E2E2

 E9E2E2

 FFE2E2

 FFE2E3

Harmonies

Analogous

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



84E1BD



61E2E1



5FDFFF

Triad

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



61E2E1



EBC0FF



F5C78C

Complementary

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



61E2E1



E26162

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.



FFBC9E



61E2E1



FFB7E1

Square

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



61E2E1



BDCCFF



FFB5BD



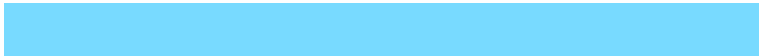
D4D38C

Rectangle

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



61E2E1



78DAFF



FFB5BD



FFC390

Sweetspot

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



61E2E1



D4FFFF



63E261



66807F



000000



808080

Same Dimension

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



61E2E1



52FFFE



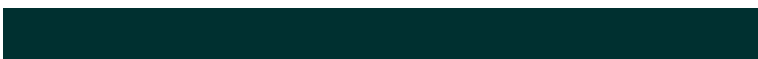
61A4E2



657070



00B0AF



003030

Inverse Universe

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



E26162



FF5253



E29F61



706565



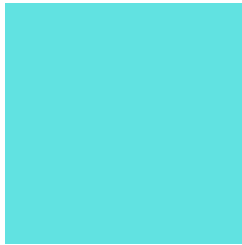
B00001



300000

Previews

White Background



This preview shows how the Hex color 61E2E1 looks on a white background.

Color Contrast Check

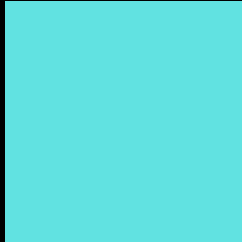
Large Text (above 18pt) WCAG AA × Fail

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 61E2E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

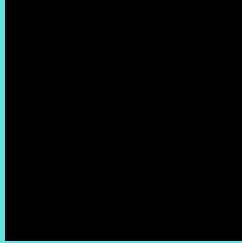
Any Text WCAG AA ✓ Pass

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 61E2E1 Background



This preview shows how black text looks on a background with the Hex color 61E2E1.

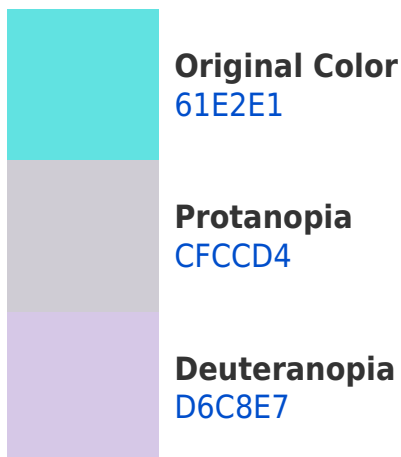


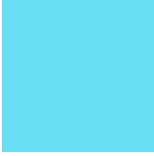
This preview shows how white text looks on a background with the Hex color 61E2E1.

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
68DFF2

Trichromacy



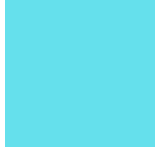
Original Color
61E2E1



Protanomaly
A7D4D9



Deuteranomaly
ABD1E5

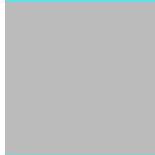


Tritanomaly
65E0EC

Monochromacy



Original Color
61E2E1



Achromatopsia
BBBBBB



Achromatomaly
9AC9C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E2E1 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 #61E2E1 looks like.

```
.text, #text, p{  
    color:#61E2E1  
}
```

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 #61E2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E2E1
}
```

Border

The CSS property to change the border of an element to Hex 61E2E1 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
#61E2E1 }
```

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

```
.border{ border-color:#61E2E1 }
```

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

Here you see how a box with a 4 pixel #61E2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E2E1; -webkit-box-shadow:4px 4px  
4px 4px #61E2E1; box-shadow:4px 4px 4px  
4px #61E2E1 }
```

Background

The CSS property to change the background color of an element to Hex 61E2E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E2E1 }
```

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

```
.background{ background-color:#61E2E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor