

# Converting Colors

Hex(61E2CC)

Have a look what the booklet for  
Hex(61E2CC) contains.

<b>Hex(61E2CC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(61E2CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E2CC
RGB	97, 226, 204
RGB Percent	38%, 89%, 80%
CMY	0.6196, 0.1137, 0.2000
CMYK	0.57, 0.00, 0.10, 0.11
HSL	170°, 69%, 63%
HSV	170°, 57%, 89%
XYZ	43.0252, 61.2937, 66.6899
YIQ	184.9210, -69.8220, -34.1900

# Conversions

## Conversions Part 2

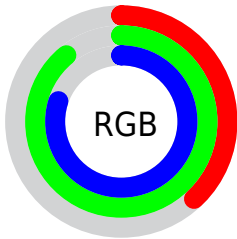
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 168, 226
Decimal	6415052
CIELab	82.54, -40.81, 0.04
CIElCh	83, 40.814, 179.942
Yxy	61.2937, 0.2516, 0.3584
Android (android.graphics.Color)	4284605132 (0xFF61E2CC)
YUV	184.9210, 9.4059, -77.1067
Hunter-Lab	78.2903, -38.9116, 4.2983

# Details

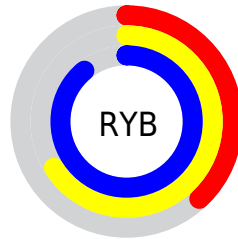
The Hex color **61E2CC** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E26177**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9EFFFF**, and **0FAA96** is the 20% darker color. If you saturate the color by 10%, you get **4AE2C8**, and if you desaturate by 10%, it is **78E2D0**.

# Distribution



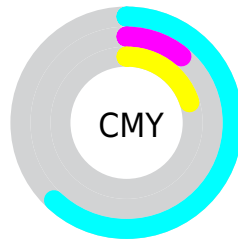
- Red (38%)
- Green (89%)
- Blue (80%)



- Red (38%)
- Yellow (66%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61E2CC 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 61E2CC by changing the saturation by 10% instead.



 61E2CC

 61E2CC

FFFFFF

 40C6B1

 9EFFFF

 0FAA96

 BCFFFF

 008F7C

 DAFFFF

 007563

 F8FFFF

 005B4B

 004335

 002C20

 001109

 000000

 61E2CC

 61E2CC

 4AE2C8

 78E2D0

 34E2C4

 8EE2D4

 1DE2C0

 A5E2D8

 07E2BD

 BBE2DB

 00E2BB

 D2E2DF

 E9E2E3

 FFE2E7

 FFE2EB

 FFE2EF

# Harmonies

## Analogous

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



92DEA6



61E2CC



3CE1F2

# Triad

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



61E2CC



D2C4FF



FFBE8C

# Complementary

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



61E2CC



E26177

# 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.



FFB3A9



61E2CC



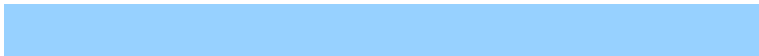
FEB7F4

# Square

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



61E2CC



97D1FF



FFB0CF



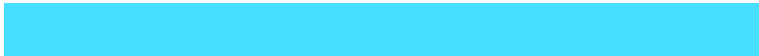
E7CB80

# Rectangle

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



61E2CC



48DEFF



FFB0CF



FFBA94

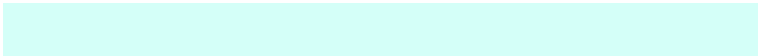


# Sweetspot

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



61E2CC



D4FFF8



79E261



66807B



000000



808080



# Same Dimension

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



61E2CC



52FFE1



61B9E2



65706E



00B092



003028



# Inverse Universe

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



E26177



FF526F



E28A61



706567



B0001E

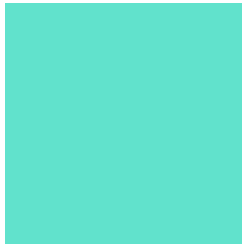


300008



# Previews

## White Background



This preview shows how the Hex color 61E2CC looks on a white background.

## Color Contrast Check

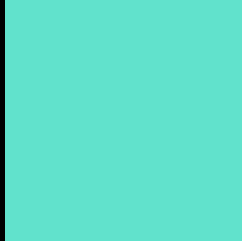
Large Text (above 18pt) WCAG AA × Fail

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 61E2CC 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

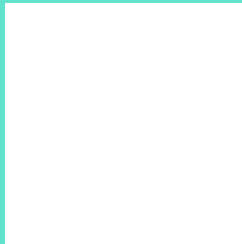
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61E2CC Background



This preview shows how black text looks on a background with the Hex color 61E2CC.

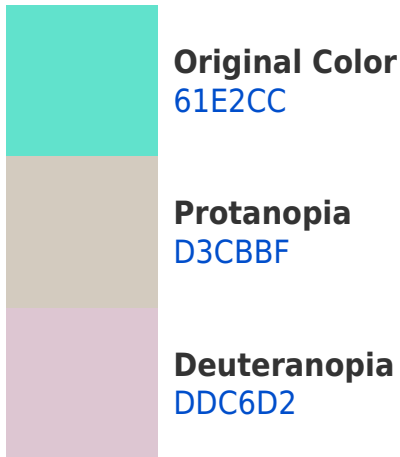


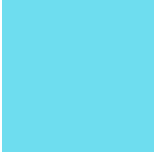
This preview shows how white text looks on a background with the Hex color 61E2CC.

# 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



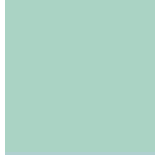


**Tritanopia**  
6EDDEF

# Trichromacy



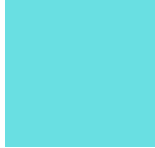
**Original Color**  
61E2CC



**Protanomaly**  
AAD3C4



**Deuteranomaly**  
B0D0D0

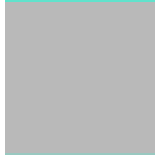


**Tritanomaly**  
69DFE2

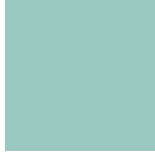
# Monochromacy



**Original Color**  
61E2CC



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
99C8C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61E2CC 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 #61E2CC looks like.

```
.text, #text, p{  
    color:#61E2CC  
}
```

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 #61E2CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E2CC  
}
```

## Border

The CSS property to change the border of an element to Hex 61E2CC 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  
#61E2CC }
```

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

```
.border{ border-color:#61E2CC }
```

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

Here you see how a box with a 4 pixel #61E2CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E2CC; -webkit-box-shadow:4px 4px  
4px 4px #61E2CC; box-shadow:4px 4px 4px  
4px #61E2CC }
```

# Background

The CSS property to change the background color of an element to Hex 61E2CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E2CC }
```

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

```
.background{ background-color:#61E2CC }
```

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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