

# Converting Colors

Hex(61E4E6)

Have a look what the booklet for  
Hex(61E4E6) contains.

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**Color**

**Hex(61E4E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E4E6
RGB	97, 228, 230
RGB Percent	38%, 89%, 90%
CMY	0.6196, 0.1059, 0.0980
CMYK	0.58, 0.01, 0.00, 0.10
HSL	181°, 73%, 64%
HSV	181°, 58%, 90%
XYZ	46.9561, 63.7414, 84.6914
YIQ	189.0590, -78.7180, -27.1500

# Conversions

## Conversions Part 2

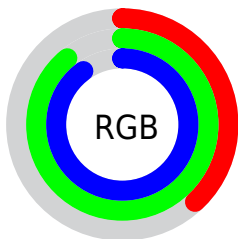
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 163, 230
Decimal	6415590
CIELab	83.83, -35.04, -11.81
CIELCh	84, 36.978, 198.624
Yxy	63.7414, 0.2403, 0.3262
Android (android.graphics.Color)	4284605670 (0xFF61E4E6)
YUV	189.0590, 20.1839, -80.7357
Hunter-Lab	79.8382, -34.7337, -7.0074

# Details

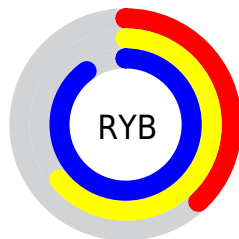
The Hex color **61E4E6** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E66361**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9FFFFFF**, and **00ACAF** is the 20% darker color. If you saturate the color by 10%, you get **4AE4E6**, and if you desaturate by 10%, it is **78E4E6**.

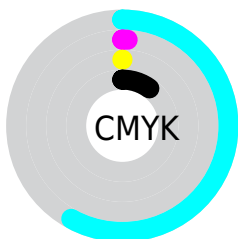
# Distribution



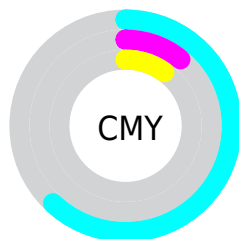
- Red (38%)
- Green (89%)
- Blue (90%)



- Red (38%)
- Yellow (64%)
- Blue (90%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (62%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61E4E6 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 61E4E6 by changing the saturation by 10% instead.



 61E4E6

 61E4E6


FFFFFF

 3EC8CA

 9FFFFFF

 00ACAF

 BEFFFF

 009194

 DCFFFF

 00777A

 FBFFFF

 005E61

 00454A

 002E33

 00171E

 000003

61E4E6

61E4E6

4AE4E6

78E4E6

33E3E6

8FE5E6

1CE3E6

A6E5E6

05E3E6

BDE5E6

00E3E6

D4E6E6

EBE6E6

FFE6E6

FFE7E6

# Harmonies

## Analogous

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



82E3C2



61E4E6



63E0FF

# Triad

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



61E4E6



F0C1FF



F5CA8D

# Complementary

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



61E4E6



E66361

# 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.



FFBF9E



61E4E6



FFB8E0

# Square

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



61E4E6



C3CDFF



FFB8BC



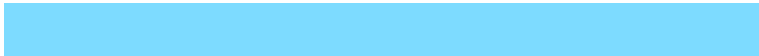
D3D68E

# Rectangle

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



61E4E6



7DDBFF



FFB8BC



FFC691

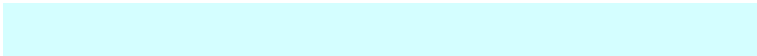


# Sweetspot

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



61E4E6



D4FEFF



61E661



667F80



000000



808080



# Same Dimension

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



61E4E6



4FFCFF



61A4E6



677373



00B0B3



003233



# Inverse Universe

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



E661E4



FF4FFC



E6A461



736773



B300B0

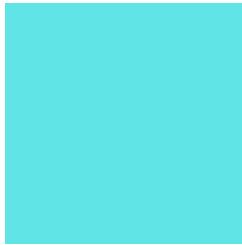


330032



# Previews

## White Background



This preview shows how the Hex color 61E4E6 looks on a white background.

## Color Contrast Check

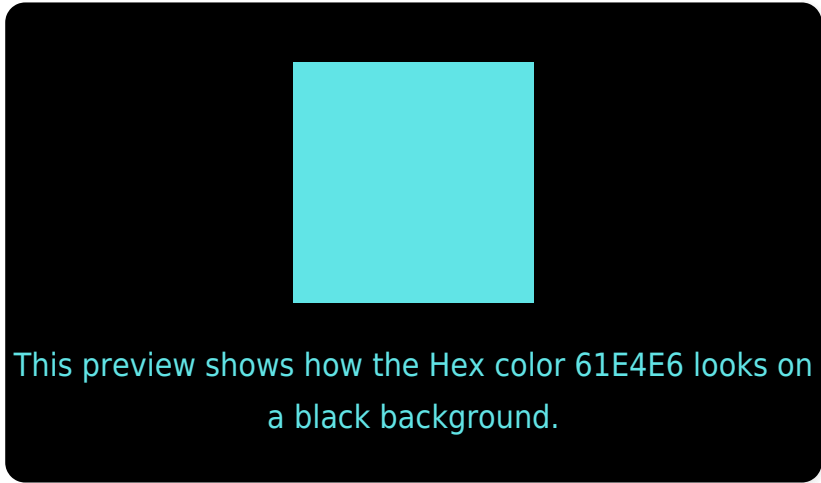
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 61E4E6 Background



This preview shows how black text looks on a background with the Hex color 61E4E6.

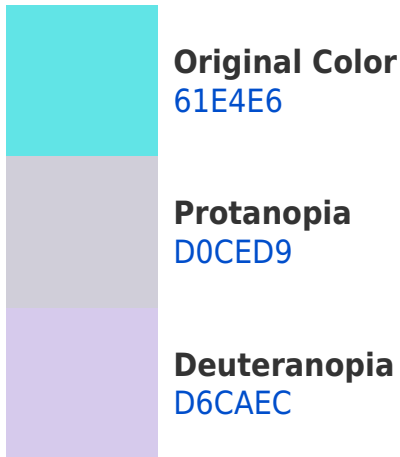


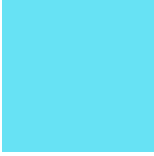
This preview shows how white text looks on a background with the Hex color 61E4E6.

# 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](#).

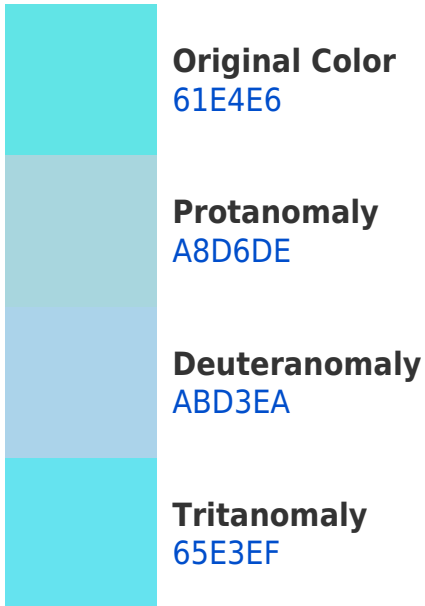
## Dichromacy



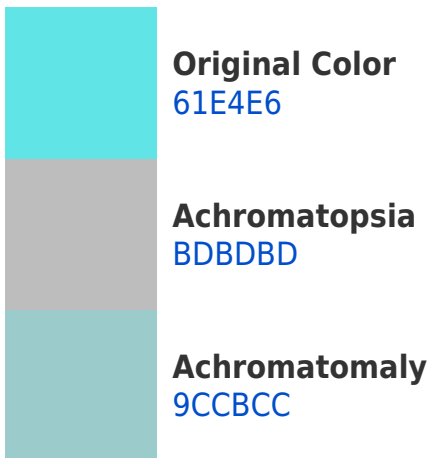


**Tritanopia**  
67E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61E4E6 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 #61E4E6 looks like.

```
.text, #text, p{  
    color:#61E4E6  
}
```

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 #61E4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E4E6
}
```

## Border

The CSS property to change the border of an element to Hex 61E4E6 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
#61E4E6 }
```

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

```
.border{ border-color:#61E4E6 }
```

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

Here you see how a box with a 4 pixel #61E4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E4E6; -webkit-box-shadow:4px 4px  
4px 4px #61E4E6; box-shadow:4px 4px 4px  
4px #61E4E6 }
```

# Background

The CSS property to change the background color of an element to Hex 61E4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E4E6 }
```

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

```
.background{ background-color:#61E4E6 }
```

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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