

Converting Colors

Hex(61E7C1)

Have a look what the booklet for
Hex(61E7C1) contains.

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Color

Hex(61E7C1)

Conversions

Conversions Part 1

Format	Color
Hex	61E7C1
RGB	97, 231, 193
RGB Percent	38%, 91%, 76%
CMY	0.6196, 0.0941, 0.2431
CMYK	0.58, 0.00, 0.16, 0.09
HSL	163°, 74%, 64%
HSV	163°, 58%, 91%
XYZ	43.1313, 63.5435, 60.4439
YIQ	186.6020, -67.6660, -40.2260

Conversions

Conversions Part 2

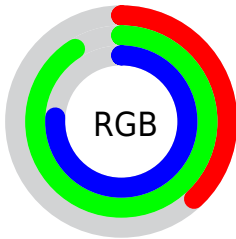
Format	Color
RYB	97, 175, 231
Decimal	6416321
CIELab	83.73, -45.63, 7.57
CIELCh	84, 46.257, 170.578
Yxy	63.5435, 0.2581, 0.3802
Android (android.graphics.Color)	4284606401 (0xFF61E7C1)
YUV	186.6020, 3.1542, -78.5810
Hunter-Lab	79.7142, -42.9179, 10.8428

Details

The Hex color **61E7C1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **E76187**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9EFFF9**, and **0EAF8C** is the 20% darker color. If you saturate the color by 10%, you get **4AE7BA**, and if you desaturate by 10%, it is **78E7C8**.

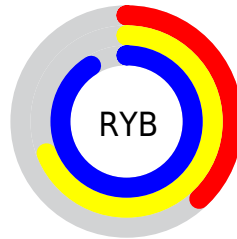
Distribution



Red (38%)

Green (91%)

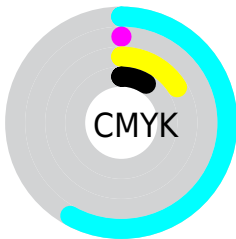
Blue (76%)



Red (38%)

Yellow (69%)

Blue (91%)

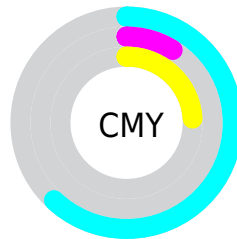


Cyan (58%)

Magenta (0%)

Yellow (16%)

Black (9%)



Cyan (62%)

Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E7C1 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 61E7C1 by changing the saturation by 10% instead.

 61E7C1

FFFFFF

 9EFFF9

 BCFFFF

 DAFFFF

 F8FFFF

 61E7C1

 40CAA6

 0EAF8C

 009372

 00795A

 005F42

 00462C

 002F17

 001500

 000000

 61E7C1

 61E7C1

 4AE7BA

 78E7C8

 33E7B4

 8FE7CE

 1CE7AD

 A6E7D5

 05E7A7

 BDE7DB

 00E7A5

 D5E7E2

 ECE7E8

 FFE7EF

 FFE7F5

 FFE7FC

Harmonies

Analogous

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



9DE298



61E7C1



00E8EE

Triad

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



61E7C1



C1CBFF



FFBA8F

Complementary

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



61E7C1



E76187

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.



FFB0B4



61E7C1



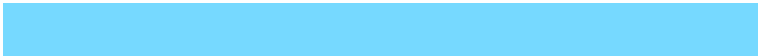
FABBFF

Square

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



61E7C1



76D9FF



FFB0E0



F9C97A

Rectangle

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



61E7C1



00E5FF



FFB0E0



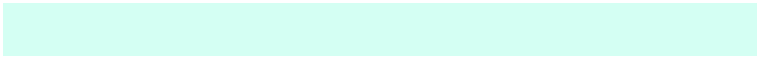
FFB69A

Sweetspot

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



61E7C1



D4FFF3



89E761



668078



000000



808080

Same Dimension

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



61E7C1



4DFFCC



61CCE7



67736F



00B380



003325

Inverse Universe

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



E76187



FF4D7F



E77C61



73676B



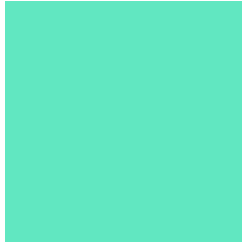
B30033



33000E

Previews

White Background



This preview shows how the Hex color 61E7C1 looks on a white background.

Color Contrast Check

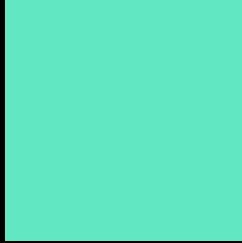
Large Text (above 18pt) WCAG AA × Fail

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 61E7C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

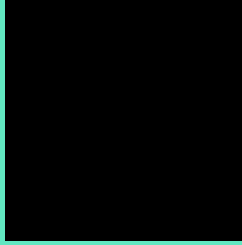
Any Text WCAG AA ✓ Pass

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 61E7C1 Background



This preview shows how black text looks on a background with the Hex color 61E7C1.



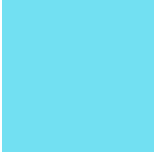
This preview shows how white text looks on a background with the Hex color 61E7C1.

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
72E0F2

Trichromacy



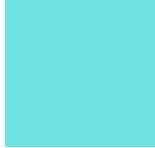
Original Color
61E7C1



Protanomaly
ADD8B9



Deuteranomaly
B6D3C5



Tritanomaly
6CE3E0

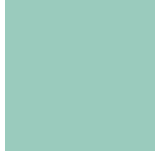
Monochromacy



Original Color
61E7C1



Achromatopsia
BBBBBB



Achromatomaly
9ACBBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E7C1 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 #61E7C1 looks like.

```
.text, #text, p{  
    color:#61E7C1  
}
```

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 #61E7C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E7C1
}
```

Border

The CSS property to change the border of an element to Hex 61E7C1 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
#61E7C1 }
```

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

```
.border{ border-color:#61E7C1 }
```

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

Here you see how a box with a 4 pixel #61E7C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E7C1; -webkit-box-shadow:4px 4px  
4px 4px #61E7C1; box-shadow:4px 4px 4px  
4px #61E7C1 }
```

Background

The CSS property to change the background color of an element to Hex 61E7C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E7C1 }
```

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

```
.background{ background-color:#61E7C1 }
```

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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