

Converting Colors

Hex(61E17F)

Have a look what the booklet for
Hex(61E17F) contains.

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Color

Hex(61E17F)

Conversions

Conversions Part 1

Format	Color
Hex	61E17F
RGB	97, 225, 127
RGB Percent	38%, 88%, 50%
CMY	0.6196, 0.1176, 0.5020
CMYK	0.57, 0.00, 0.44, 0.12
HSL	134°, 68%, 63%
HSV	134°, 57%, 88%
XYZ	35.6857, 57.9241, 29.3783
YIQ	175.5560, -44.8300, -57.6140

Conversions

Conversions Part 2

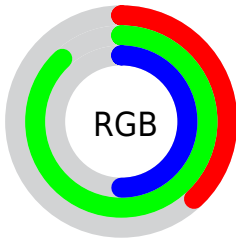
Format	Color
RYB	97, 201, 225
Decimal	6414719
CIELab	80.70, -56.09, 37.48
CIELCh	81, 67.459, 146.247
Yxy	57.9241, 0.2902, 0.4710
Android (android.graphics.Color)	4284604799 (0xFF61E17F)
YUV	175.5560, -23.9381, -68.8936
Hunter-Lab	76.1079, -49.4931, 30.3891

Details

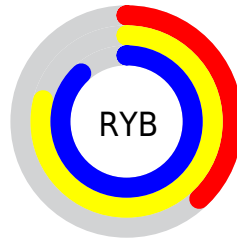
The Hex color **61E17F** is a light color, and the websafe version is hex **33CC66**. A complement of this color would be **E161C3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9DFFB5**, and **15A94C** is the 20% darker color. If you saturate the color by 10%, you get **4BE16E**, and if you desaturate by 10%, it is **77E190**.

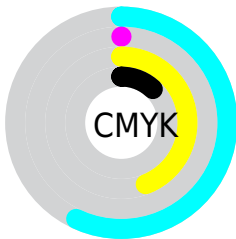
Distribution



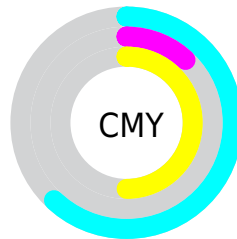
- Red (38%)
- Green (88%)
- Blue (50%)



- Red (38%)
- Yellow (79%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)



- Cyan (62%)
- Magenta (12%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E17F 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 61E17F by changing the saturation by 10% instead.

 61E17F

 61E17F

FFFFFF

 41C465

 9DFFB5

 15A94C

 BBFFD1

 008D33

 D8FFED

 00731A

 F7FFFF

 005900

 004000

 002A00

 000500

 000000

 61E17F

 61E17F

 4BE16E

 77E190

 34E15D

 8EE1A1

 1EE14B

 A5E1B3

 07E13A

 BBE1C4

 00E135

 D2E1D5

 E8E1E6

 FFE1F8

 FFE1FF

Harmonies

Analogous

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



B4D54F



61E17F



00E7BE

Triad

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



61E17F



00D2FF



FF9594

Complementary

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



61E17F



E161C3

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.



FF90D3



61E17F



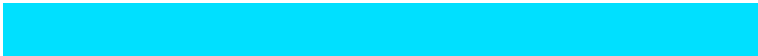
BDBBFF

Square

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



61E17F



00E0FF



FFA1FF



FFAA60

Rectangle

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



61E17F



00E7EA



FFA1FF



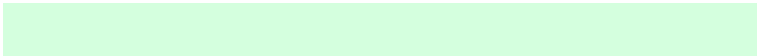
FF91A8

Sweetspot

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



61E17F



D4FFDE



C3E161



66806C



000000



808080

Same Dimension

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



61E17F



52FF7A



61E1BF



657068



00B029



00300B

Inverse Universe

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



E161C3



FF52D6



E16183



70656E



B00087



300025

Previews

White Background



This preview shows how the Hex color 61E17F 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 61E17F 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 61E17F Background



This preview shows how black text looks on a background with the Hex color 61E17F.

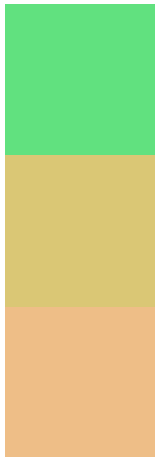


This preview shows how white text looks on a background with the Hex color 61E17F.

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](#).

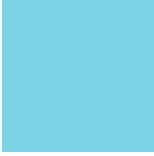
Dichromacy



Original Color
61E17F

Protanopia
DAC775

Deuteranopia
EEBE87



Tritanopia
7CD5E6

Trichromacy



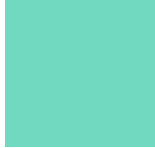
Original Color
61E17F



Protanomaly
AED079



Deuteranomaly
BBCB84



Tritanomaly
72D9C1

Monochromacy



Original Color
61E17F



Achromatopsia
B0B0B0



Achromatomaly
93C29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E17F 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 #61E17F looks like.

```
.text, #text, p{  
    color:#61E17F  
}
```

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 #61E17F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E17F
}
```

Border

The CSS property to change the border of an element to Hex 61E17F 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
#61E17F }
```

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

```
.border{ border-color:#61E17F }
```

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

Here you see how a box with a 4 pixel #61E17F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E17F; -webkit-box-shadow:4px 4px  
4px 4px #61E17F; box-shadow:4px 4px 4px  
4px #61E17F }
```

Background

The CSS property to change the background color of an element to Hex 61E17F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E17F }
```

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

```
.background{ background-color:#61E17F }
```

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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