

Converting Colors

Hex(61E88E)

Have a look what the booklet for
Hex(61E88E) contains.

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Color

Hex(61E88E)

Conversions

Conversions Part 1

Format	Color
Hex	61E88E
RGB	97, 232, 142
RGB Percent	38%, 91%, 56%
CMY	0.6196, 0.0902, 0.4431
CMYK	0.58, 0.00, 0.39, 0.09
HSL	140°, 75%, 65%
HSV	140°, 58%, 91%
XYZ	38.6689, 62.2076, 35.5604
YIQ	181.3750, -51.5700, -56.6100

Conversions

Conversions Part 2

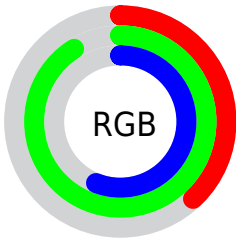
Format	Color
RYB	97, 198, 232
Decimal	6416526
CIELab	83.02, -56.34, 33.00
CIELCh	83, 65.289, 149.640
Yxy	62.2076, 0.2834, 0.4559
Android (android.graphics.Color)	4284606606 (0xFF61E88E)
YUV	181.3750, -19.4119, -73.9969
Hunter-Lab	78.8718, -50.5116, 28.4786

Details

The Hex color **61E88E** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **E861BB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9EFFC4**, and **11AF5B** is the 20% darker color. If you saturate the color by 10%, you get **4AE87F**, and if you desaturate by 10%, it is **78E89D**.

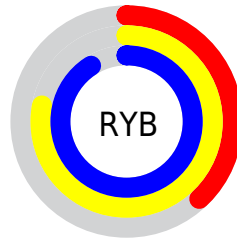
Distribution



Red (38%)

Green (91%)

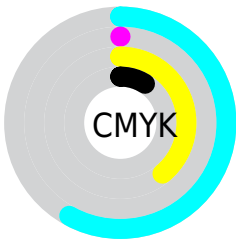
Blue (56%)



Red (38%)

Yellow (78%)

Blue (91%)

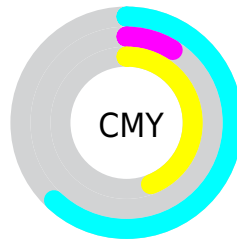


Cyan (58%)

Magenta (0%)

Yellow (39%)

Black (9%)



Cyan (62%)

Magenta (9%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E88E 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 61E88E by changing the saturation by 10% instead.

 61E88E

 61E88E

FFFFFF

 40CB74

 9EFFC4

 11AF5B

 BBFFE1

 009442

 DAFFFE

 00792A

 F8FFFF

 005F12

 004600

 003000

 001300

 000000

 61E88E

 61E88E

 4AE87F

 78E89D

 33E86F

 8FE8AD

 1BE860

 A7E8BC

 04E850

 BEE8CC

 00E84D

 D5E8DB

 ECE8EB

 FFE8FA

 FFE8FF

Harmonies

Analogous

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



B4DD5E



61E88E



00EDCC

Triad

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



61E88E



46D6FF



FF9F95

Complementary

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



61E88E



E861BB

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.



FF99D2



61E88E



D0BFFF

Square

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



61E88E



00E5FF



FFA6FF



FFB465

Rectangle

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



61E88E



00EDF6



FFA6FF



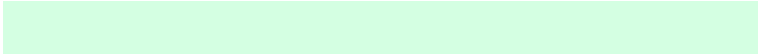
FF9BA9

Sweetspot

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



61E88E



D4FFE2



BBE861



66806F



000000



808080

Same Dimension

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



61E88E



4DFF88



61E8D1



67736B



00B33C



003311

Inverse Universe

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



E861BB



FF4DC4



E86178



73676F



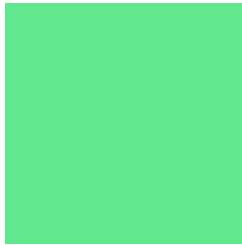
B30077



330022

Previews

White Background



This preview shows how the Hex color 61E88E 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

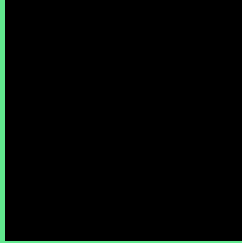
Any Text WCAG AA ✓ Pass

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 61E88E Background



This preview shows how black text looks on a background with the Hex color 61E88E.

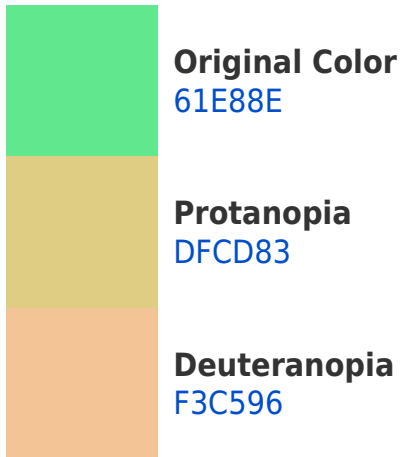


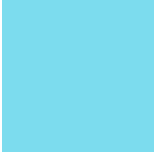
This preview shows how white text looks on a background with the Hex color 61E88E.

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



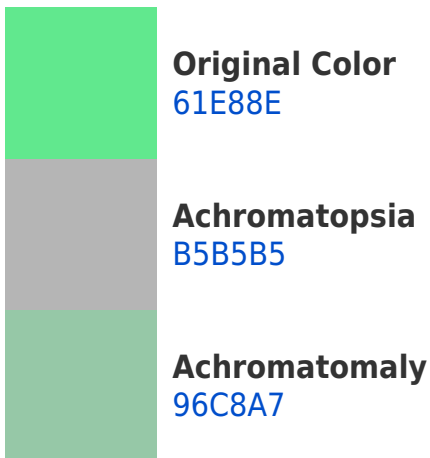


Tritanopia
7CDCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61E88E 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 #61E88E looks like.

```
.text, #text, p{  
    color:#61E88E  
}
```

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 #61E88E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E88E
}
```

Border

The CSS property to change the border of an element to Hex 61E88E 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
#61E88E }
```

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

```
.border{ border-color:#61E88E }
```

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

Here you see how a box with a 4 pixel #61E88E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E88E; -webkit-box-shadow:4px 4px  
4px 4px #61E88E; box-shadow:4px 4px 4px  
4px #61E88E }
```

Background

The CSS property to change the background color of an element to Hex 61E88E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E88E }
```

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

```
.background{ background-color:#61E88E }
```

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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