

# Converting Colors

Hex(61E18D)

Have a look what the booklet for  
Hex(61E18D) contains.

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# **Color**

**Hex(61E18D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E18D
RGB	97, 225, 141
RGB Percent	38%, 88%, 55%
CMY	0.6196, 0.1176, 0.4471
CMYK	0.57, 0.00, 0.37, 0.12
HSL	141°, 68%, 63%
HSV	141°, 57%, 88%
XYZ	36.6627, 58.3149, 34.5229
YIQ	177.1520, -49.3240, -53.2600

# Conversions

## Conversions Part 2

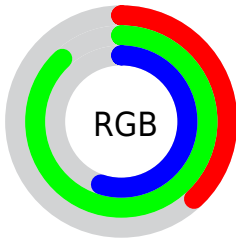
Format	Color
<b>RYB</b>	97, 192, 225
Decimal	6414733
CIELab	80.91, -53.76, 30.71
CIElCh	81, 61.916, 150.260
Yxy	58.3149, 0.2831, 0.4503
Android (android.graphics.Color)	4284604813 (0xFF61E18D)
YUV	177.1520, -17.8229, -70.2933
Hunter-Lab	76.3642, -47.9389, 26.6510

# Details

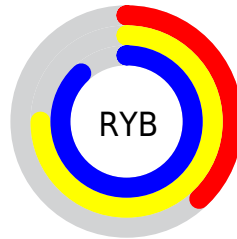
The Hex color **61E18D** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E161B5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9DFFC3**, and **16A95A** is the 20% darker color. If you saturate the color by 10%, you get **4BE17E**, and if you desaturate by 10%, it is **77E19C**.

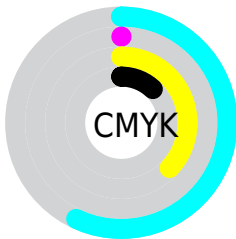
# Distribution



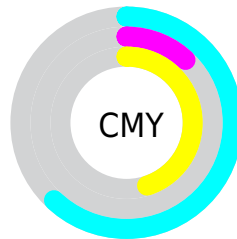
- Red (38%)
- Green (88%)
- Blue (55%)



- Red (38%)
- Yellow (75%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (62%)
- Magenta (12%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61E18D 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 61E18D by changing the saturation by 10% instead.



 61E18D

 61E18D

FFFFFF

 41C473

 9DFFC3

 16A95A

 BAFFDF

 008D41

 D8FFFC

 00732A

 F6FFFF

 005912

 004000

 002A00

 000600

 000000

 61E18D

 61E18D

 4BE17E

 77E19C

 34E16F

 8EE1AB

 1EE161

 A5E1B9

 07E152

 BBE1C8

 00E14D

 D2E1D7

 E8E1E6

 FFE1F4

 FFE1FF

# Harmonies

## Analogous

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



AFD760



61E18D



00E6C8

# Triad

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



61E18D



54CFFF



FF9D92

# Complementary

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



61E18D



E161B5

# 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.



FF96CB



61E18D



CCB9FF

# Square

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



61E18D



00DEFF



FFA3FF



FFB164

# Rectangle

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



61E18D



00E6EF



FFA3FF



FF99A4

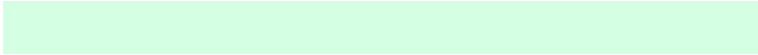


# Sweetspot

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



61E18D



D4FFE3



B6E161



66806F



000000



808080



# Same Dimension

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



61E18D



52FF8D



61E1CC



657069



00B03C



003011



# Inverse Universe

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



E161B5



FF52C3



E16176



70656C



B00073

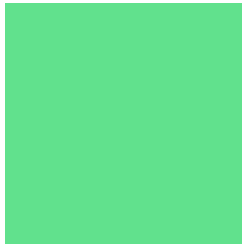


300020



# Previews

## White Background



This preview shows how the Hex color 61E18D 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 61E18D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

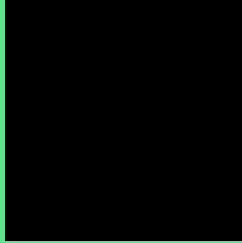
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61E18D Background



This preview shows how black text looks on a background with the Hex color 61E18D.

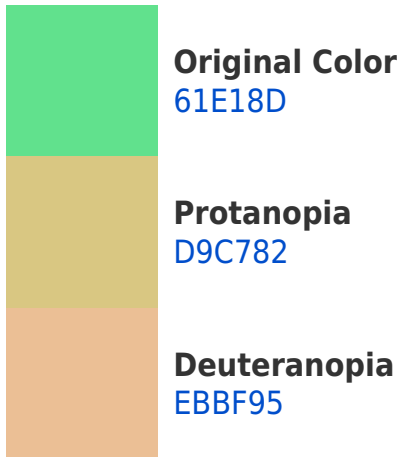


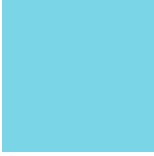
This preview shows how white text looks on a background with the Hex color 61E18D.

# 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**  
7AD6E7

# Trichromacy



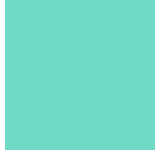
**Original Color**  
61E18D



**Protanomaly**  
ADD086



**Deuteranomaly**  
B9CB92

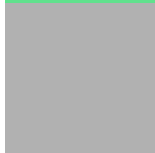


**Tritanomaly**  
71DAC6

# Monochromacy



**Original Color**  
61E18D



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
94C2A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61E18D 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 #61E18D looks like.

```
.text, #text, p{  
    color:#61E18D  
}
```

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 #61E18D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E18D
}
```

## Border

The CSS property to change the border of an element to Hex 61E18D 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
#61E18D }
```

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

```
.border{ border-color:#61E18D }
```

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

Here you see how a box with a 4 pixel #61E18D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E18D; -webkit-box-shadow:4px 4px  
4px 4px #61E18D; box-shadow:4px 4px 4px  
4px #61E18D }
```

# Background

The CSS property to change the background color of an element to Hex 61E18D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E18D }
```

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

```
.background{ background-color:#61E18D }
```

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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