

# Converting Colors

Hex(61E29E)

Have a look what the booklet for  
Hex(61E29E) contains.

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**Color**

**Hex(61E29E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E29E
RGB	97, 226, 158
RGB Percent	38%, 89%, 62%
CMY	0.6196, 0.1137, 0.3804
CMYK	0.57, 0.00, 0.30, 0.11
HSL	148°, 69%, 63%
HSV	148°, 57%, 89%
XYZ	38.2977, 59.4027, 41.7951
YIQ	179.6770, -55.0560, -48.4960

# Conversions

## Conversions Part 2

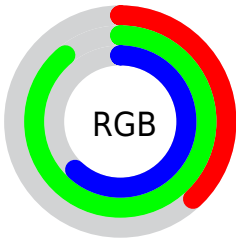
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 185, 226
Decimal	6415006
CIELab	81.51, -51.01, 22.77
CIELCh	82, 55.863, 155.942
Yxy	59.4027, 0.2745, 0.4258
Android (android.graphics.Color)	4284605086 (0xFF61E29E)
YUV	179.6770, -10.6868, -72.5077
Hunter-Lab	77.0732, -46.1813, 21.7995

# Details

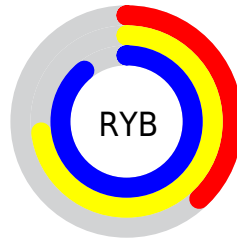
The Hex color **61E29E** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E261A5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9DFFD5**, and **16AA6A** is the 20% darker color. If you saturate the color by 10%, you get **4AE292**, and if you desaturate by 10%, it is **78E2AA**.

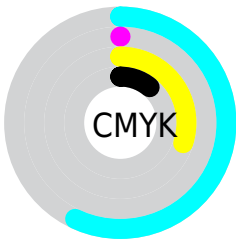
# Distribution



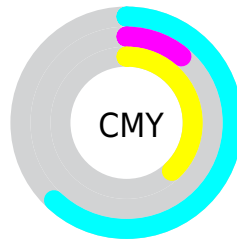
- Red (38%)
- Green (89%)
- Blue (62%)



- Red (38%)
- Yellow (73%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61E29E 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 61E29E by changing the saturation by 10% instead.



 61E29E

 61E29E

FFFFFF

 41C684

 9DFFD5

 16AA6A

 BAFFF1

 008F52

 D8FFFF

 00743A

 F6FFFF

 005A24

 00420E

 002C00

 000A00

 000000

 61E29E

 61E29E

 4AE292

 78E2AA

 34E286

 8EE2B6

 1DE27A

 A5E2C2

 07E26E

 BBE2CE

 00E26B

 D2E2DA

 E9E2E5

 FFE2F1

 FFE2FD

 FFE2FF

# Harmonies

## Analogous

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



A9D973



61E29E



00E5D4

# Triad

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



61E29E



85CDFE



FFA790

# Complementary

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



61E29E



E261A5

# 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.



FF9FC2



61E29E



DDB9FF

# Square

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



61E29E



00DBFF



FFA6F6



FFB96B

# Rectangle

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



61E29E



00E5F7



FFA6F6



FFA2A0

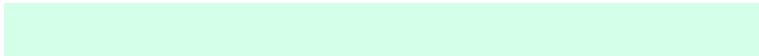


# Sweetspot

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



61E29E



D4FFE8



A6E261



668072



000000



808080



# Same Dimension

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



61E29E



52FFA4



61E2DE



65706A



00B053



003017



# Inverse Universe

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



E261A5



FF52AD



E26165



70656B



B0005D

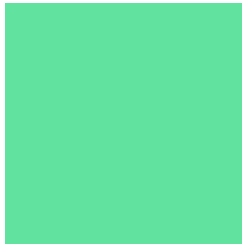


30001A



# Previews

## White Background



This preview shows how the Hex color 61E29E looks on a white background.

## Color Contrast Check

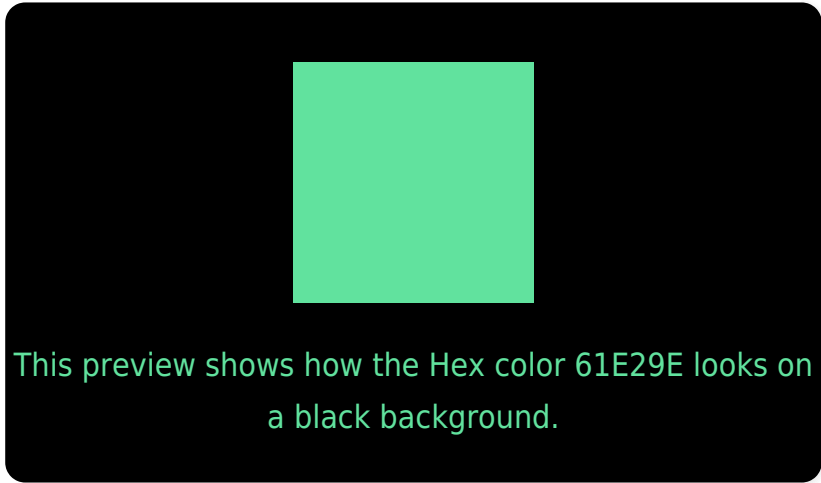
Large Text (above 18pt) WCAG AA × Fail

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 61E29E Background



This preview shows how black text looks on a background with the Hex color 61E29E.

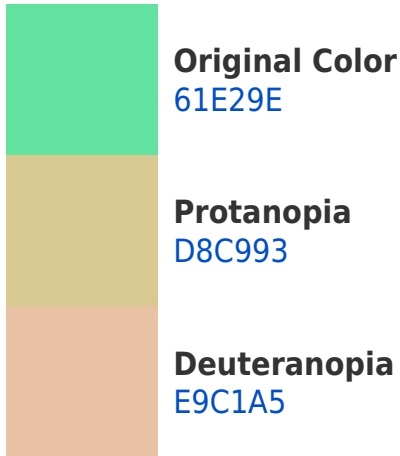


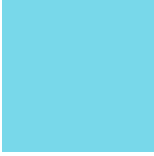
This preview shows how white text looks on a background with the Hex color 61E29E.

# 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**  
78D8EA

# Trichromacy



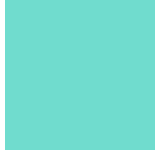
**Original Color**  
61E29E



**Protanomaly**  
ADD297



**Deuteranomaly**  
B8CDA2

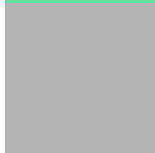


**Tritanomaly**  
70DCCE

# Monochromacy



**Original Color**  
61E29E



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
96C5AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61E29E 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 #61E29E looks like.

```
.text, #text, p{  
    color:#61E29E  
}
```

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 #61E29E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E29E
}
```

## Border

The CSS property to change the border of an element to Hex 61E29E 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
#61E29E }
```

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

```
.border{ border-color:#61E29E }
```

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

Here you see how a box with a 4 pixel #61E29E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E29E; -webkit-box-shadow:4px 4px  
4px 4px #61E29E; box-shadow:4px 4px 4px  
4px #61E29E }
```

# Background

The CSS property to change the background color of an element to Hex 61E29E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E29E }
```

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

```
.background{ background-color:#61E29E }
```

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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