

# Converting Colors

Hex(61D39F)

Have a look what the booklet for  
Hex(61D39F) contains.

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**Color**

**Hex(61D39F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61D39F
RGB	97, 211, 159
RGB Percent	38%, 83%, 62%
CMY	0.6196, 0.1725, 0.3765
CMYK	0.54, 0.00, 0.25, 0.17
HSL	153°, 56%, 60%
HSV	153°, 54%, 83%
XYZ	34.4820, 51.6331, 40.9497
YIQ	170.9860, -51.2520, -40.3400

# Conversions

## Conversions Part 2

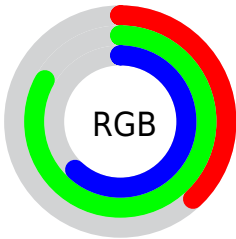
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 171, 211
Decimal	6411167
CIELab	77.06, -44.52, 16.09
CIELCh	77, 47.336, 160.134
Yxy	51.6331, 0.2714, 0.4064
Android (android.graphics.Color)	4284601247 (0xFF61D39F)
YUV	170.9860, -5.9091, -64.8857
Hunter-Lab	71.8562, -40.0905, 16.5109

# Details

The Hex color **61D39F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D36195**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9BFFD6**, and **1E9C6B** is the 20% darker color. If you saturate the color by 10%, you get **4CD395**, and if you desaturate by 10%, it is **76D3A9**.

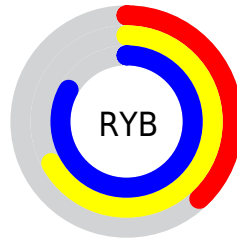
# Distribution



Red (38%)

Green (83%)

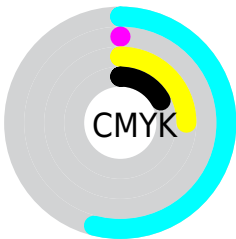
Blue (62%)



Red (38%)

Yellow (67%)

Blue (83%)

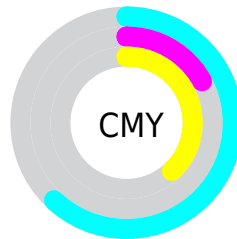


Cyan (54%)

Magenta (0%)

Yellow (25%)

Black (17%)



Cyan (62%)

Magenta (17%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61D39F 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 61D39F by changing the saturation by 10% instead.





61D39F



61D39F

FFFFFF



43B785



9BFFD6



1E9C6B



B8FFF2



008153



D6FFFF



00673C



F3FFFF



004E26



003611



002000



000000



61D39F



61D39F

 4CD395

 76D3A9

 37D38C

 8BD3B2

 22D382

 A0D3BC

 0DD379

 B5D3C5

 00D373

 CBD3CF

 E0D3D9

 F5D3E2

 FFD3EC

 FFD3F6

# Harmonies

## Analogous

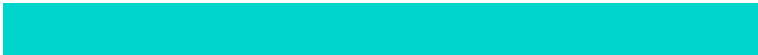
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CCC79



61D39F



00D5CC

# Triad

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



61D39F



94BEFF



FFA388

# Complementary

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



61D39F



D36195

# 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.



FF9BB1



61D39F



D6ADFF

# Square

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



61D39F



2FCBFF



FF9FDD



F2B16C

# Rectangle

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



61D39F



00D4E9



FF9FDD



FF9F95

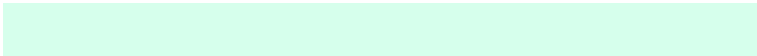


# Sweetspot

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



61D39F



D6FFEC



96D361



678074



000000



808080



# Same Dimension

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



61D39F



59FFB3



61CFD3



5E6964



00A85C



002916



# Inverse Universe

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



D36195



FF59A5



D36561



695E63



A8004D

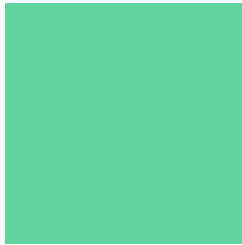


290013



# Previews

## White Background



This preview shows how the Hex color 61D39F 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 61D39F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

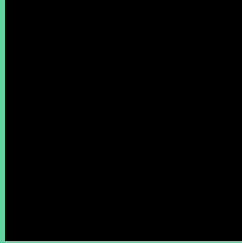
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61D39F Background



This preview shows how black text looks on a background with the Hex color 61D39F.

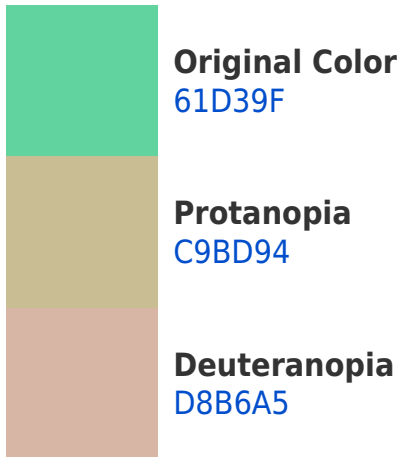


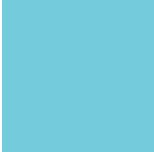
This preview shows how white text looks on a background with the Hex color 61D39F.

# 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](#).

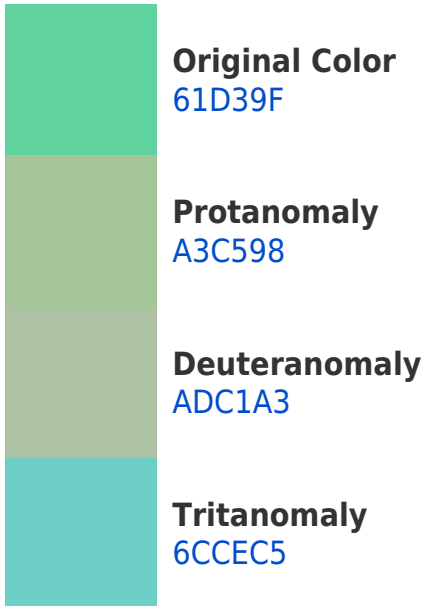
## Dichromacy



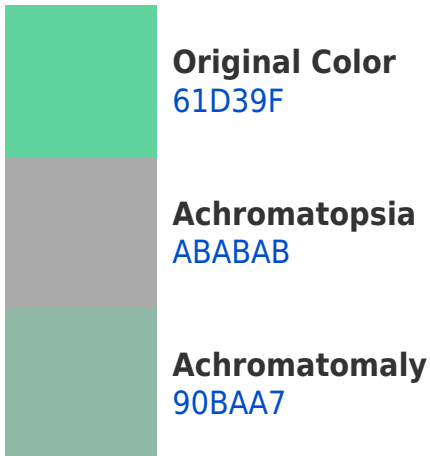


**Tritanopia**  
73CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61D39F 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 #61D39F looks like.

```
.text, #text, p{  
    color:#61D39F  
}
```

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 #61D39F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D39F
}
```

## Border

The CSS property to change the border of an element to Hex 61D39F 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
#61D39F }
```

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

```
.border{ border-color:#61D39F }
```

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

Here you see how a box with a 4 pixel #61D39F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D39F; -webkit-box-shadow:4px 4px  
4px 4px #61D39F; box-shadow:4px 4px 4px  
4px #61D39F }
```

# Background

The CSS property to change the background color of an element to Hex 61D39F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D39F }
```

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

```
.background{ background-color:#61D39F }
```

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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