

Converting Colors

Hex(61A89D)

Have a look what the booklet for
Hex(61A89D) contains.

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Color

Hex(61A89D)

Conversions

Conversions Part 1

Format	Color
Hex	61A89D
RGB	97, 168, 157
RGB Percent	38%, 66%, 62%
CMY	0.6196, 0.3412, 0.3843
CMYK	0.42, 0.00, 0.07, 0.34
HSL	171°, 29%, 52%
HSV	171°, 42%, 66%
XYZ	25.0182, 32.9810, 36.9457
YIQ	145.5170, -38.7850, -18.4730

Conversions

Conversions Part 2

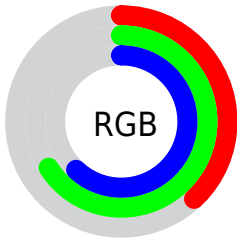
Format	Color
RYB	97, 135, 168
Decimal	6400157
CIELab	64.15, -25.02, -1.31
CIElCh	64, 25.052, 183.009
Yxy	32.9810, 0.2635, 0.3474
Android (android.graphics.Color)	4284590237 (0xFF61A89D)
YUV	145.5170, 5.6611, -42.5494
Hunter-Lab	57.4291, -22.7397, 2.0575

Details

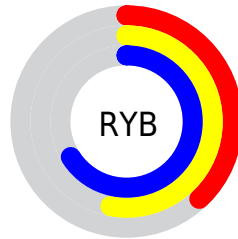
The Hex color **61A89D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A8616C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **97DFD3**, and **2B746A** is the 20% darker color. If you saturate the color by 10%, you get **50A89A**, and if you desaturate by 10%, it is **72A8A0**.

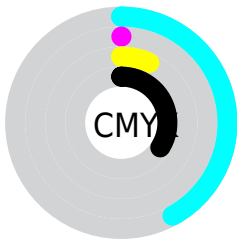
Distribution



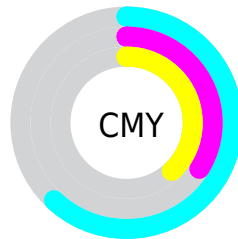
- Red (38%)
- Green (66%)
- Blue (62%)



- Red (38%)
- Yellow (53%)
- Blue (66%)



- Cyan (42%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A89D 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 61A89D by changing the saturation by 10% instead.



61A89D



61A89D

FFFFFF



468D83



97DFD3



2B746A



B3FCF0



065B52



CFFFFFF



00433B



ECFFFF



002C25



001810



000000



61A89D



61A89D



50A89A



72A8A0

 3FA898

 83A8A2

 2FA895

 93A8A5

 1EA893

 A4A8A7

 0DA890

 B5A8AA

 00A88E

 C6A8AD

 D7A8AF

 E7A8B2

 F8A8B4

Harmonies

Analogous

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



77A687



61A89D



58A7B3

Triad

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



61A89D



A295C1



BD9374

Complementary

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



61A89D



A8616C

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.



C88D84



61A89D



BA8E80

Square

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



61A89D



839DC8



C78B9A



A99B6F

Rectangle

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



61A89D



5EA5BE



C78B9A



C19179

Sweetspot

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



61A89D



BFDBD7



6DA861



5C6E6B



EDEDED



6E6E6E

Same Dimension

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



61A89D



6BDBCA



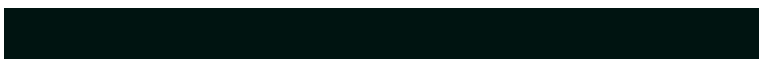
6190A8



4C5453



00947D



001411

Inverse Universe

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



A8616C



DB6B7D



A87961



544C4D



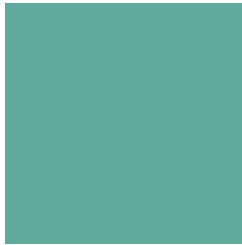
940017



140003

Previews

White Background



This preview shows how the Hex color 61A89D looks on a white background.

Color Contrast Check

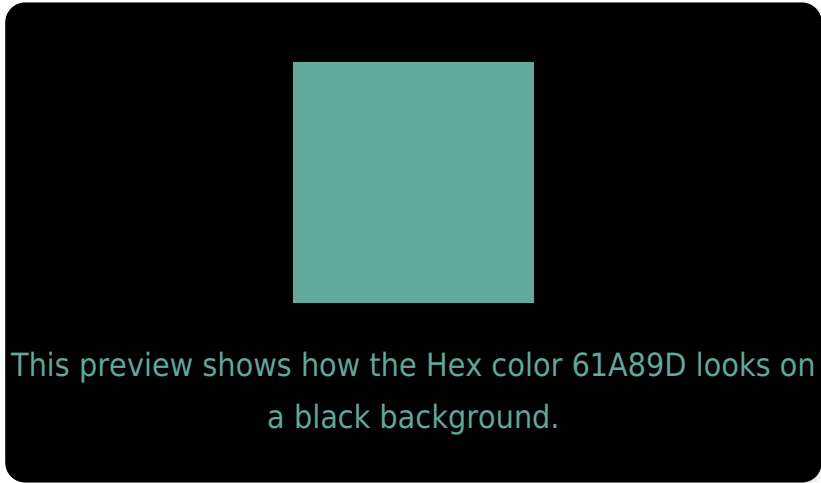
Large Text (above 18pt) WCAG AA × Fail

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

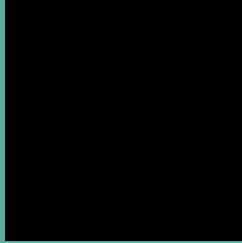
Any Text WCAG AA ✓ Pass

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 61A89D Background



This preview shows how black text looks on a background with the Hex color 61A89D.

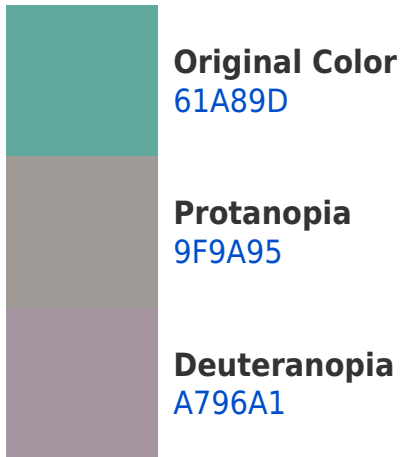


This preview shows how white text looks on a background with the Hex color 61A89D.

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](#).

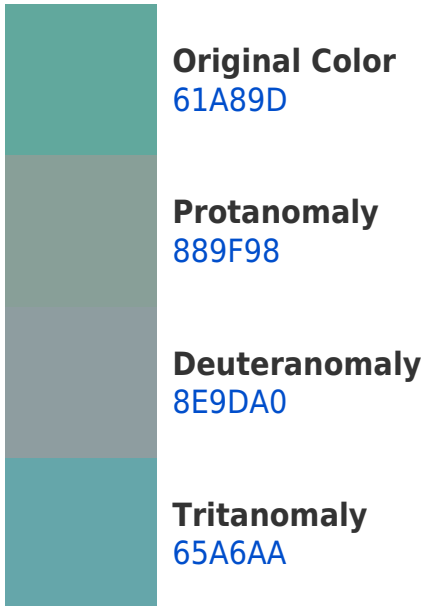
Dichromacy



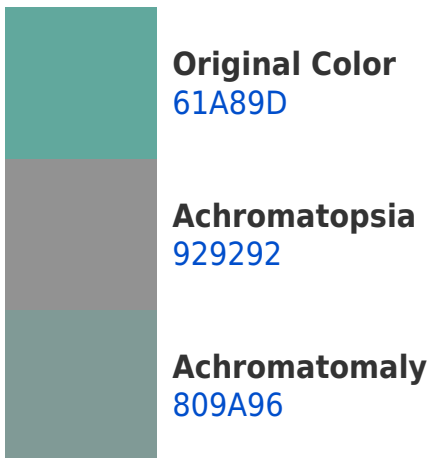


Tritanopia
67A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61A89D 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 #61A89D looks like.

```
.text, #text, p{  
    color:#61A89D  
}
```

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 #61A89D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A89D
}
```

Border

The CSS property to change the border of an element to Hex 61A89D 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
#61A89D }
```

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

```
.border{ border-color:#61A89D }
```

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

Here you see how a box with a 4 pixel #61A89D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A89D; -webkit-box-shadow:4px 4px  
4px 4px #61A89D; box-shadow:4px 4px 4px  
4px #61A89D }
```

Background

The CSS property to change the background color of an element to Hex 61A89D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A89D }
```

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

```
.background{ background-color:#61A89D }
```

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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