

# Converting Colors

Hex(6AA29E)

Have a look what the booklet for  
Hex(6AA29E) contains.

<b>Hex(6AA29E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6AA29E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AA29E
RGB	106, 162, 158
RGB Percent	42%, 64%, 62%
CMY	0.5843, 0.3647, 0.3804
CMYK	0.35, 0.00, 0.02, 0.36
HSL	176°, 23%, 53%
HSV	176°, 35%, 64%
XYZ	25.0357, 31.3735, 37.0839
YIQ	144.8000, -32.0920, -13.1160

# Conversions

## Conversions Part 2

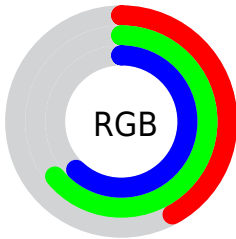
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 135, 162
Decimal	6988446
CIELab	62.82, -19.24, -3.77
CIELCh	63, 19.603, 191.092
Yxy	31.3735, 0.2678, 0.3356
Android (android.graphics.Color)	4285178526 (0xFF6AA29E)
YUV	144.8000, 6.5076, -34.0276
Hunter-Lab	56.0120, -18.2367, -0.0458

# Details

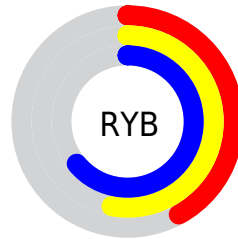
The Hex color **6AA29E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A26A6E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9FD9D5**, and **366E6B** is the 20% darker color. If you saturate the color by 10%, you get **5AA29D**, and if you desaturate by 10%, it is **7AA29F**.

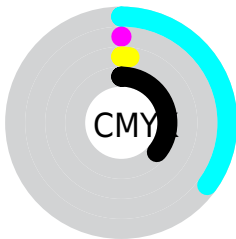
# Distribution



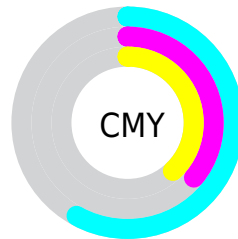
- Red (42%)
- Green (64%)
- Blue (62%)



- Red (42%)
- Yellow (53%)
- Blue (64%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)



- Cyan (58%)
- Magenta (36%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AA29E 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 6AA29E by changing the saturation by 10% instead.





6AA29E



6AA29E

FFFFFF



508884



9FD9D5



366E6B



BBF6F1



1C5653



D7FFFF



003E3C



F4FFFF



002826



001211



000000



6AA29E



6AA29E



5AA29D



7AA29F

■ 4AA29C

■ 8AA2A0

■ 39A29B

■ 9BA2A1

■ 29A299

■ ABA2A3

■ 19A298

■ BBA2A4

■ 09A297

■ CBA2A5

■ 00A296

■ DBA2A6

■ ECA2A7

■ FCA2A8

# Harmonies

## Analogous

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



78A18C



6AA29E



69A1AE

# Triad

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



6AA29E



A391B2



AF9377

# Complementary

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



6AA29E



A26A6E

# 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.



BA8E82



6AA29E



B48DA4

# Square

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



6AA29E



8C97BA



BC8C92



9F9976

# Rectangle

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



6AA29E



709EB6



BC8C92



B3917A



# Sweetspot

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



6AA29E



BED4D2



6FA26A



5E6B6A



EBEBEB



6B6B6B



# Same Dimension

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



6AA29E



7DD4CD



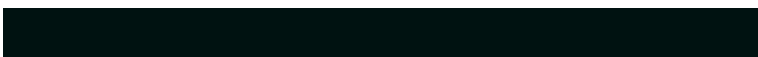
6A8BA2



495251



009187



001211



# Inverse Universe

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



A26A6E



D47D83



A2816A



52494A



91000A



120001



# Previews

## White Background



This preview shows how the Hex color 6AA29E looks on a white background.

## Color Contrast Check

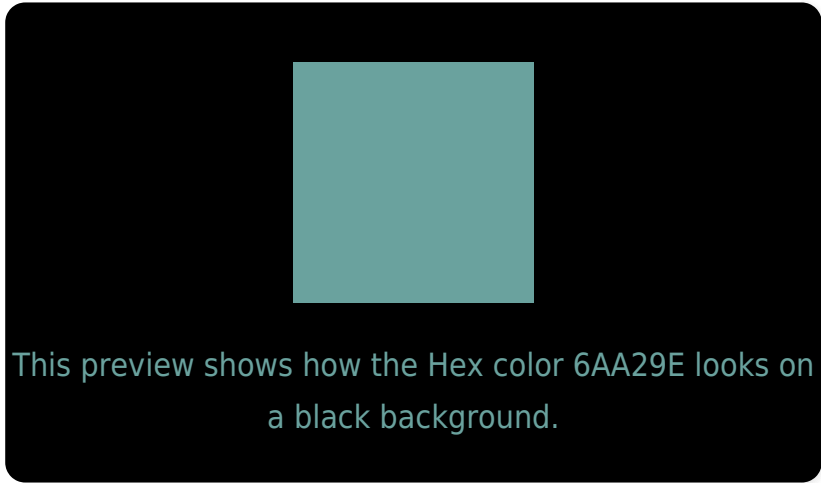
Large Text (above 18pt) WCAG AA × Fail

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

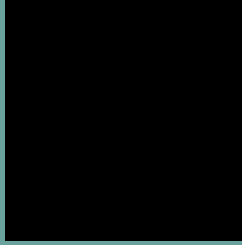
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AA29E Background



This preview shows how black text looks on a background with the Hex color 6AA29E.

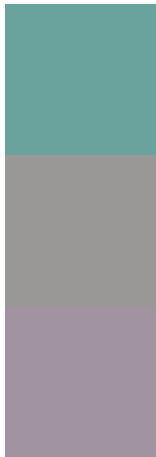


This preview shows how white text looks on a background with the Hex color 6AA29E.

# 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



**Original Color**  
6AA29E

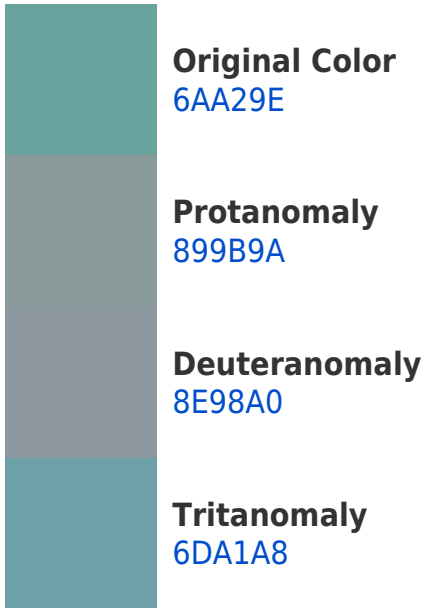
**Protanopia**  
9A9797

**Deuteranopia**  
A293A1

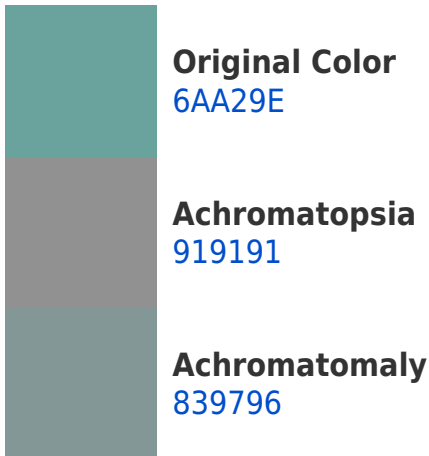


**Tritanopia**  
6EA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AA29E 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 #6AA29E looks like.

```
.text, #text, p{  
    color:#6AA29E  
}
```

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 #6AA29E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA29E
}
```

## Border

The CSS property to change the border of an element to Hex 6AA29E 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
#6AA29E }
```

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

```
.border{ border-color:#6AA29E }
```

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

Here you see how a box with a 4 pixel #6AA29E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA29E; -webkit-box-shadow:4px 4px  
4px 4px #6AA29E; box-shadow:4px 4px 4px  
4px #6AA29E }
```

# Background

The CSS property to change the background color of an element to Hex 6AA29E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA29E }
```

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

```
.background{ background-color:#6AA29E }
```

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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