

# Converting Colors

Hex(6DA79A)

Have a look what the booklet for  
Hex(6DA79A) contains.

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**Color**

**Hex(6DA79A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA79A
RGB	109, 167, 154
RGB Percent	43%, 65%, 60%
CMY	0.5725, 0.3451, 0.3961
CMYK	0.35, 0.00, 0.08, 0.35
HSL	167°, 25%, 54%
HSV	167°, 35%, 65%
XYZ	25.9581, 33.2217, 35.6161
YIQ	148.1760, -30.3950, -16.3390

# Conversions

## Conversions Part 2

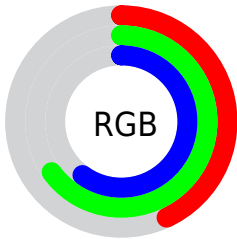
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 142, 167</a>
Decimal	<a href="#">7186330</a>
CIELab	<a href="#">64.34, -21.89, 0.71</a>
CIELCh	<a href="#">64, 21.904, 178.131</a>
Yxy	<a href="#">33.2217, 0.2738, 0.3505</a>
Android (android.graphics.Color)	<a href="#">4285376410 (0xFF6DA79A)</a>
YUV	<a href="#">148.1760, 2.8712, -34.3574</a>
Hunter-Lab	<a href="#">57.6383, -20.4773, 3.7100</a>

# Details

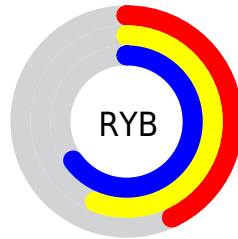
The Hex color **6DA79A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A76D7A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A3DED0**, and **3A7367** is the 20% darker color. If you saturate the color by 10%, you get **5CA796**, and if you desaturate by 10%, it is **7EA79E**.

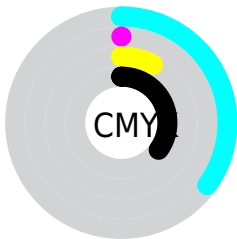
# Distribution



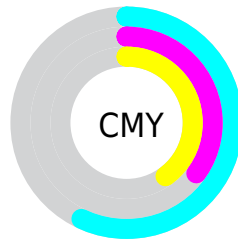
- Red (43%)
- Green (65%)
- Blue (60%)



- Red (43%)
- Yellow (56%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (57%)
- Magenta (35%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DA79A 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 6DA79A by changing the saturation by 10% instead.





6DA79A



6DA79A

FFFFFF



538C80



A3DED0



3A7367



BEFBED



1F5A4F



DBFFFF



004238



F8FFFF



002C23



00180D



000000



6DA79A



6DA79A



5CA796



7EA79E

 4CA793

 8EA7A1

 3BA78F

 9FA7A5

 2AA78B

 B0A7A9

 1AA787

 C0A7AD

 09A784

 D1A7B0

 00A782

 E2A7B4

 F3A7B8

 FFA7BC

# Harmonies

## Analogous

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



80A587



6DA79A



64A7AE

# Triad

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



6DA79A



9E97BE



BC947B

# Complementary

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



6DA79A



A76D7A

# 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.



C48F8A



6DA79A



B491B1

# Square

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



6DA79A



839EC3



C18E9E



AC9A75

# Rectangle

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



6DA79A



67A5B8



C18E9E



BF9280



# Sweetspot

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



6DA79A



C3D9D4



7BA76D



606E6B



EDEDED



6E6E6E



# Same Dimension

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



6DA79A



7ED9C4



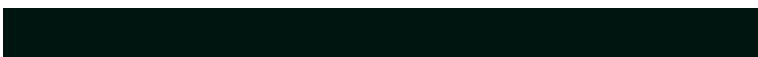
6D98A7



4C5452



009473



001410



# Inverse Universe

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



A76D7A



D97E92



A77C6D



544C4E



940021



140005



# Previews

## White Background



This preview shows how the Hex color 6DA79A looks on a white background.

## Color Contrast Check

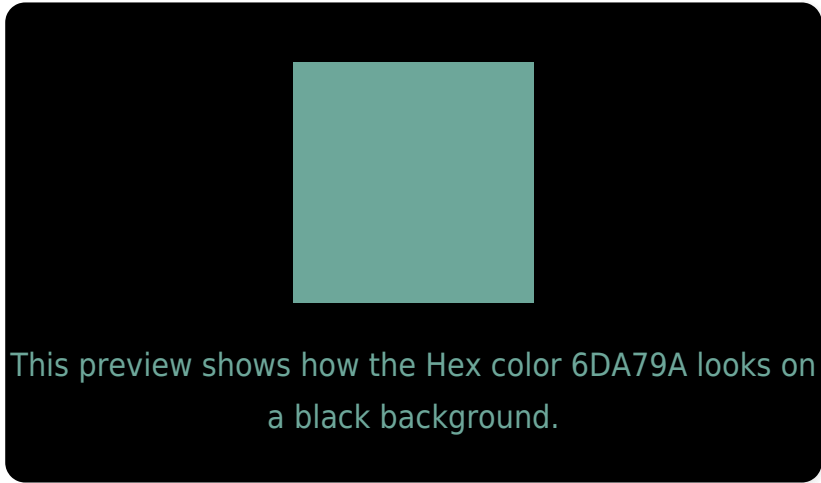
Large Text (above 18pt) WCAG AA × Fail

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

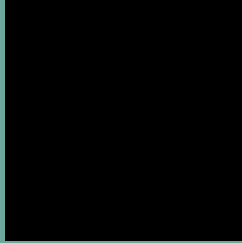
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DA79A Background



This preview shows how black text looks on a background with the Hex color 6DA79A.

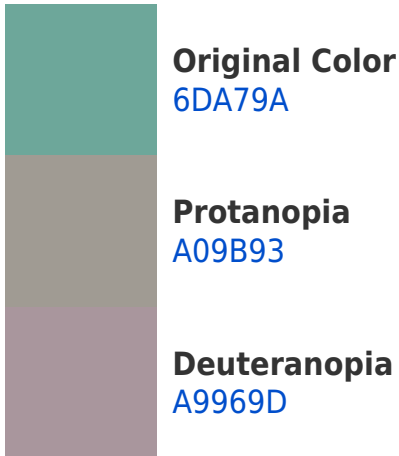


This preview shows how white text looks on a background with the Hex color 6DA79A.

# 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](#).

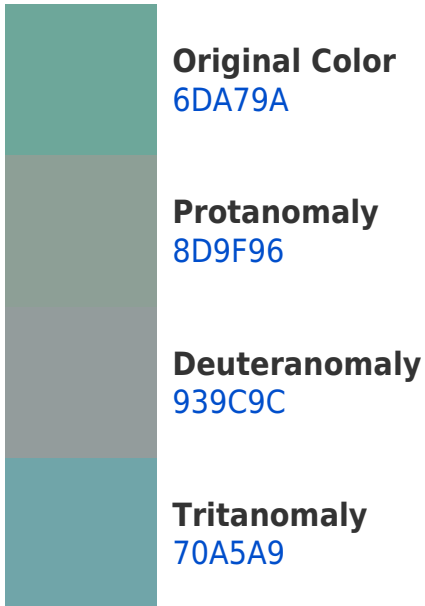
## Dichromacy





**Tritanopia**  
72A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DA79A 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 #6DA79A looks like.

```
.text, #text, p{  
    color:#6DA79A  
}
```

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 #6DA79A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA79A
}
```

## Border

The CSS property to change the border of an element to Hex 6DA79A 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
#6DA79A }
```

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

```
.border{ border-color:#6DA79A }
```

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

Here you see how a box with a 4 pixel #6DA79A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA79A; -webkit-box-shadow:4px 4px  
4px 4px #6DA79A; box-shadow:4px 4px 4px  
4px #6DA79A }
```

# Background

The CSS property to change the background color of an element to Hex 6DA79A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA79A }
```

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

```
.background{ background-color:#6DA79A }
```

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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