

# Converting Colors

Hex(6EA09E)

Have a look what the booklet for  
Hex(6EA09E) contains.

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# **Color**

**Hex(6EA09E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA09E
RGB	110, 160, 158
RGB Percent	43%, 63%, 62%
CMY	0.5686, 0.3725, 0.3804
CMYK	0.31, 0.00, 0.01, 0.37
HSL	178°, 21%, 53%
HSV	178°, 31%, 63%
XYZ	25.1728, 30.9252, 36.9902
YIQ	144.8220, -29.1580, -11.2220

# Conversions

## Conversions Part 2

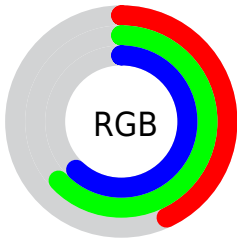
Format	Color
<a href="#">RYB</a>	<a href="#">110, 136, 160</a>
Decimal	<a href="#">7250078</a>
CIELab	<a href="#">62.44, -17.03, -4.30</a>
CIELCh	<a href="#">62, 17.563, 194.185</a>
Yxy	<a href="#">30.9252, 0.2704, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4285440158 (0xFF6EA09E)</a>
YUV	<a href="#">144.8220, 6.4968, -30.5389</a>
Hunter-Lab	<a href="#">55.6105, -16.5180, -0.5104</a>

# Details

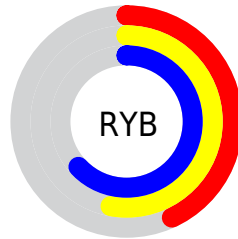
The Hex color **6EA09E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A06E70**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A3D7D5**, and **3B6C6B** is the 20% darker color. If you saturate the color by 10%, you get **5EA09D**, and if you desaturate by 10%, it is **7EA09F**.

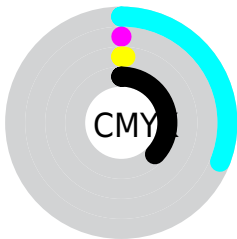
# Distribution



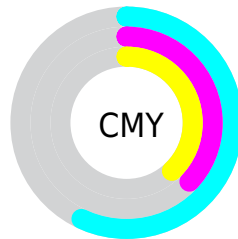
- Red (43%)
- Green (63%)
- Blue (62%)



- Red (43%)
- Yellow (53%)
- Blue (63%)



- Cyan (31%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (57%)
- Magenta (37%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA09E 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 6EA09E by changing the saturation by 10% instead.





6EA09E



6EA09E

FFFFFF



548684



A3D7D5



3B6C6B



BFF3F1



225453



DBFFFF



043D3C



F8FFFF



002726



001011



000000



6EA09E



6EA09E



5EA09D



7EA09F

4EA09D

8EA09F

3EA09C

9EA0A0

2EA09B

AEA0A1

1EA09B

BEA0A1

0EA09A

CEA0A2

00A09A

DEA0A2

EEA0A3

FEA0A4

# Harmonies

## Analogous

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



799F8E



6EA09E



6E9EAC

# Triad

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



6EA09E



A391AD



AB9379

# Complementary

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



6EA09E



A06E70

# 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.



B58F82



6EA09E



B18DA0

# Square

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



6EA09E



8F96B5



B78C90



9B9879

# Rectangle

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



6EA09E



769CB3



B78C90



AF917B



# Sweetspot

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



6EA09E



BED1D0



71A06E



5D6968



E8E8E8



696969



# Same Dimension

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



6EA09E



82D1CE



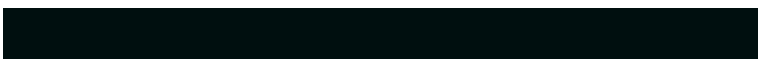
6E8AA0



474F4F



008F89



000F0F



# Inverse Universe

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



A06E70



D18285



A0856E



4F4747



8F0006



0F0001



# Previews

## White Background



This preview shows how the Hex color 6EA09E looks on a white background.

## Color Contrast Check

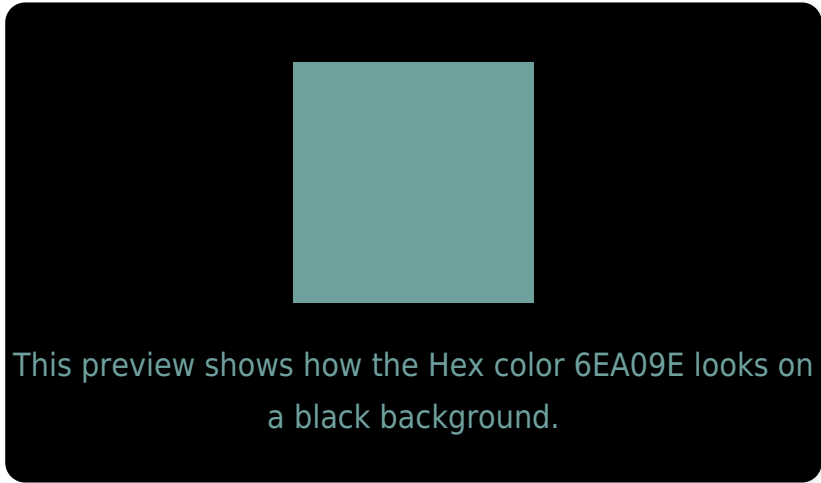
Large Text (above 18pt) WCAG AA × Fail

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

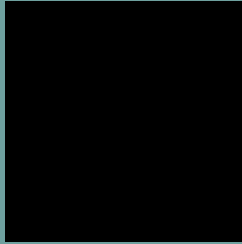
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA09E Background



This preview shows how black text looks on a background with the Hex color 6EA09E.

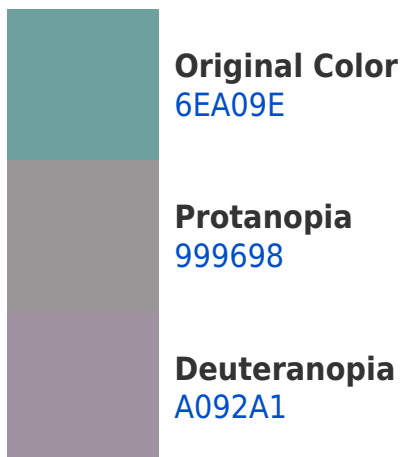


This preview shows how white text looks on a background with the Hex color 6EA09E.

# 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](#).

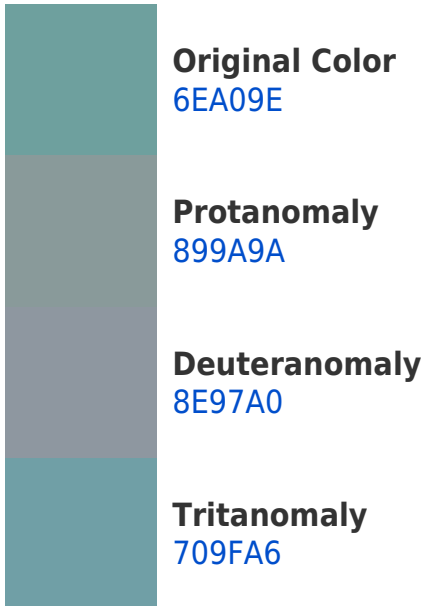
## Dichromacy





**Tritanopia**  
719EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA09E 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 #6EA09E looks like.

```
.text, #text, p{  
    color:#6EA09E  
}
```

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 #6EA09E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA09E
}
```

## Border

The CSS property to change the border of an element to Hex 6EA09E 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
#6EA09E }
```

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

```
.border{ border-color:#6EA09E }
```

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

Here you see how a box with a 4 pixel #6EA09E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA09E; -webkit-box-shadow:4px 4px  
4px 4px #6EA09E; box-shadow:4px 4px 4px  
4px #6EA09E }
```

# Background

The CSS property to change the background color of an element to Hex 6EA09E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA09E }
```

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

```
.background{ background-color:#6EA09E }
```

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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