

# Converting Colors

Hex(62A49C)

Have a look what the booklet for  
Hex(62A49C) contains.

<b>Hex(62A49C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(62A49C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62A49C
RGB	98, 164, 156
RGB Percent	38%, 64%, 61%
CMY	0.6157, 0.3569, 0.3882
CMYK	0.40, 0.00, 0.05, 0.36
HSL	173°, 27%, 51%
HSV	173°, 40%, 64%
XYZ	24.3132, 31.5479, 36.2604
YIQ	143.3540, -36.7680, -16.4800

# Conversions

## Conversions Part 2

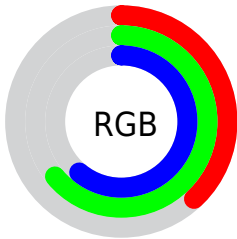
Format	Color
<a href="#">RYB</a>	<a href="#">98, 133, 164</a>
Decimal	<a href="#">6464668</a>
CIELab	<a href="#">62.97, -22.98, -2.48</a>
CIELCh	<a href="#">63, 23.112, 186.156</a>
Yxy	<a href="#">31.5479, 0.2639, 0.3425</a>
Android (android.graphics.Color)	<a href="#">4284654748 (0xFF62A49C)</a>
YUV	<a href="#">143.3540, 6.2345, -39.7755</a>
Hunter-Lab	<a href="#">56.1675, -21.0259, 1.0410</a>

# Details

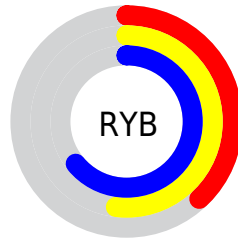
The Hex color **62A49C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A4626A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **98DBD2**, and **2D7069** is the 20% darker color. If you saturate the color by 10%, you get **52A49A**, and if you desaturate by 10%, it is **72A49E**.

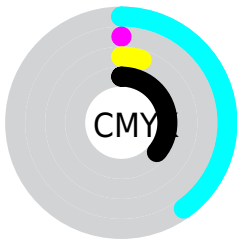
# Distribution



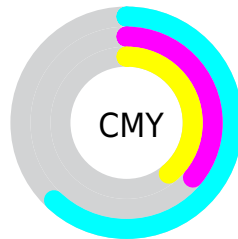
- Red (38%)
- Green (64%)
- Blue (61%)



- Red (38%)
- Yellow (52%)
- Blue (64%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (62%)
- Magenta (36%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62A49C 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 62A49C by changing the saturation by 10% instead.



 62A49C

 62A49C

FFFFFF

 488A82

 98DBD2

 2D7069

 B4F8EF

 0C5751

 D0FFFF

 00403A

 EDFFFF

 002924

 00130F

 000000

 62A49C

 62A49C

 52A49A

 72A49E

■ 41A498

■ 83A4A0

■ 31A496

■ 93A4A2

■ 20A494

■ A4A4A4

■ 10A492

■ B4A4A6

■ 00A490

■ C4A4A8

■ D5A4AA

■ E5A4AC

■ F6A4AE

# Harmonies

## Analogous

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



75A287



62A49C



5CA3B0

# Triad

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



62A49C



A192BA



B69173

# Complementary

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



62A49C



A4626A

# 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.



C18C81



62A49C



B68CA9

# Square

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



62A49C



8599C1



C18995



A39870

# Rectangle

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



62A49C



64A1BA



C18995



BA8F77



# Sweetspot

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



62A49C



BCD6D3



6BA462



5C6B69



EBEBEB



6B6B6B



# Same Dimension

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



62A49C



6FD6CA



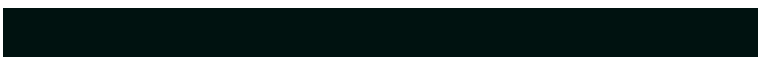
628CA4



495251



009180



001210



# Inverse Universe

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



A4626A



D66F7C



A47A62



52494A



910012

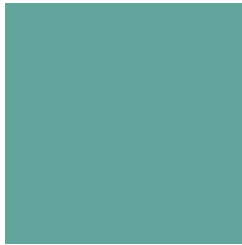


120002



# Previews

## White Background



This preview shows how the Hex color 62A49C looks on a white background.

## Color Contrast Check

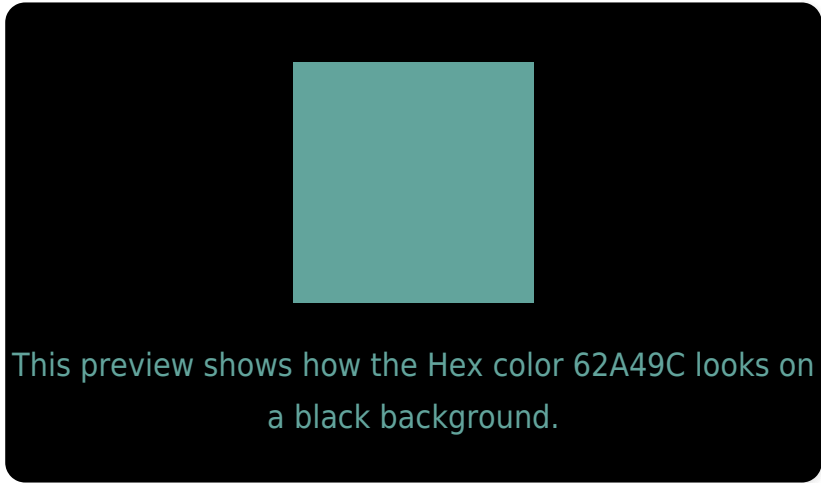
Large Text (above 18pt) WCAG AA × Fail

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

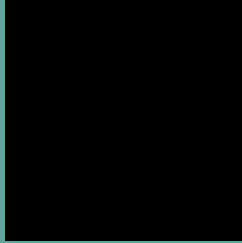
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62A49C Background



This preview shows how black text looks on a background with the Hex color 62A49C.



This preview shows how white text looks on a background with the Hex color 62A49C.

# 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



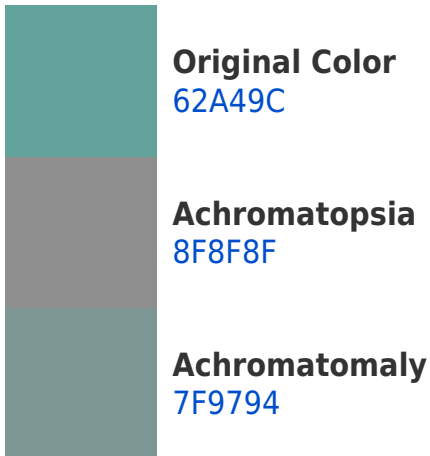


**Tritanopia**  
67A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62A49C 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 #62A49C looks like.

```
.text, #text, p{  
    color:#62A49C  
}
```

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 #62A49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A49C
}
```

## Border

The CSS property to change the border of an element to Hex 62A49C 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
#62A49C }
```

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

```
.border{ border-color:#62A49C }
```

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

Here you see how a box with a 4 pixel #62A49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A49C; -webkit-box-shadow:4px 4px  
4px 4px #62A49C; box-shadow:4px 4px 4px  
4px #62A49C }
```

# Background

The CSS property to change the background color of an element to Hex 62A49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A49C }
```

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

```
.background{ background-color:#62A49C }
```

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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