

# Converting Colors

Hex(62A699)

Have a look what the booklet for  
Hex(62A699) contains.

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**Color**

**Hex(62A699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62A699
RGB	98, 166, 153
RGB Percent	38%, 65%, 60%
CMY	0.6157, 0.3490, 0.4000
CMYK	0.41, 0.00, 0.08, 0.35
HSL	169°, 28%, 52%
HSV	169°, 41%, 65%
XYZ	24.4230, 32.1690, 35.0590
YIQ	144.1860, -36.3550, -18.4590

# Conversions

## Conversions Part 2

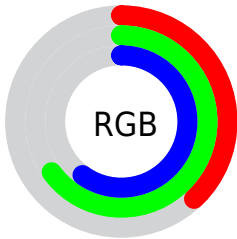
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 136, 166
Decimal	6465177
CIELab	63.48, -24.72, -0.04
CIELCh	63, 24.721, 180.098
Yxy	32.1690, 0.2665, 0.3510
Android (android.graphics.Color)	4284655257 (0xFF62A699)
YUV	144.1860, 4.3453, -40.5051
Hunter-Lab	56.7177, -22.3929, 3.0534

# Details

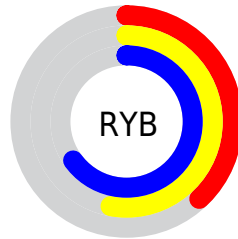
The Hex color **62A699** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A6626F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **98DDCF**, and **2D7266** is the 20% darker color. If you saturate the color by 10%, you get **51A696**, and if you desaturate by 10%, it is **73A69C**.

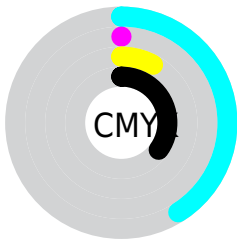
# Distribution



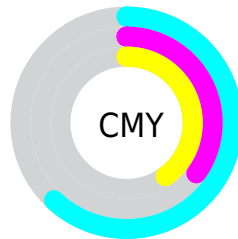
- Red (38%)
- Green (65%)
- Blue (60%)



- Red (38%)
- Yellow (53%)
- Blue (65%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62A699 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 62A699 by changing the saturation by 10% instead.



 62A699

 62A699

FFFFFF

 488B7F

 98DDCF

 2D7266

 B4FAEB

 0C594E

 D0FFFF

 004137

 EDFFFF

 002A22

 00150C

 000000

 62A699

 62A699

 51A696

 73A69C

■ 41A693

■ 83A69F

■ 30A68F

■ 94A6A3

■ 20A68C

■ A4A6A6

■ 0FA689

■ B5A6A9

■ 00A686

■ C6A6AC

■ D6A6AF

■ E7A6B2

■ F7A6B6

# Harmonies

## Analogous

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



79A483



62A699



57A5AF

# Triad

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



62A699



9D94C0



BC9174

# Complementary

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



62A699



A6626F

# 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.



C68B85



62A699



B68DB0

# Square

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



62A699



7E9CC5



C48A9A



AA986E

# Rectangle

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



62A699



5CA3BB



C48A9A



C08F79



# Sweetspot

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



62A699



BFD9D4



70A662



5E6E6B



EDEDED



6E6E6E



# Same Dimension

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



62A699



6FD9C4



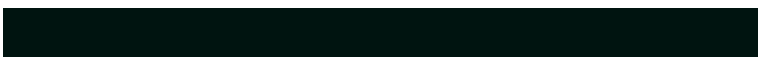
6292A6



4C5453



009478



001410



# Inverse Universe

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



A6626F



D96F83



A67662



544C4D



94001C

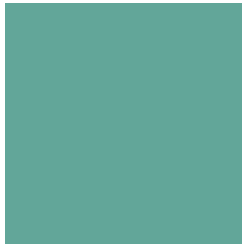


140004



# Previews

## White Background



This preview shows how the Hex color 62A699 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

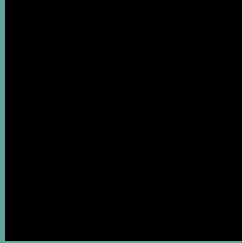
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62A699 Background



This preview shows how black text looks on a background with the Hex color 62A699.

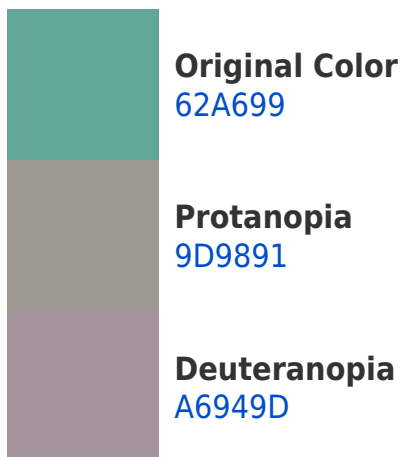


This preview shows how white text looks on a background with the Hex color 62A699.

# 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



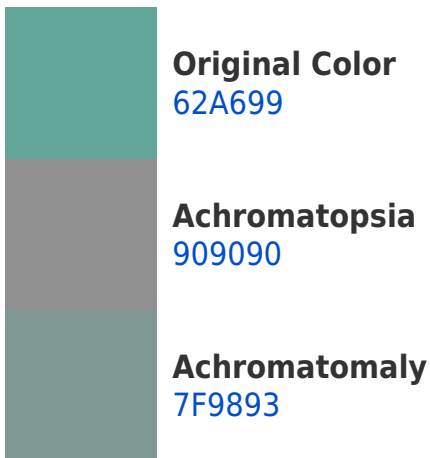


**Tritanopia**  
68A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62A699 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 #62A699 looks like.

```
.text, #text, p{  
    color:#62A699  
}
```

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 #62A699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A699
}
```

## Border

The CSS property to change the border of an element to Hex 62A699 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
#62A699 }
```

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

```
.border{ border-color:#62A699 }
```

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

Here you see how a box with a 4 pixel #62A699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A699; -webkit-box-shadow:4px 4px  
4px 4px #62A699; box-shadow:4px 4px 4px  
4px #62A699 }
```

# Background

The CSS property to change the background color of an element to Hex 62A699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A699 }
```

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

```
.background{ background-color:#62A699 }
```

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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