

# Converting Colors

Hex(62C29C)

Have a look what the booklet for  
Hex(62C29C) contains.

<b>Hex(62C29C)</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(62C29C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C29C
RGB	98, 194, 156
RGB Percent	38%, 76%, 61%
CMY	0.6157, 0.2392, 0.3882
CMYK	0.49, 0.00, 0.20, 0.24
HSL	156°, 44%, 57%
HSV	156°, 49%, 76%
XYZ	30.3295, 43.5805, 38.2658
YIQ	160.9640, -45.0180, -32.1700

# Conversions

## Conversions Part 2

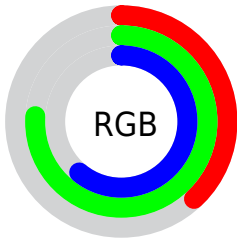
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 158, 194
Decimal	6472348
CIELab	71.95, -37.41, 10.49
CIELCh	72, 38.853, 164.330
Yxy	43.5805, 0.2704, 0.3885
Android (android.graphics.Color)	4284662428 (0xFF62C29C)
YUV	160.9640, -2.4473, -55.2194
Hunter-Lab	66.0156, -33.5189, 11.8435

# Details

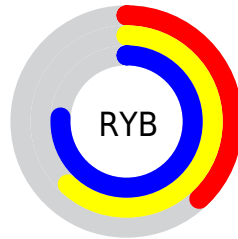
The Hex color **62C29C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C26288**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9AFBD3**, and **268C69** is the 20% darker color. If you saturate the color by 10%, you get **4FC294**, and if you desaturate by 10%, it is **75C2A4**.

# Distribution



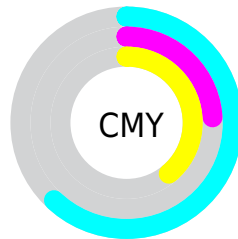
- Red (38%)
- Green (76%)
- Blue (61%)



- Red (38%)
- Yellow (62%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C29C 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 62C29C by changing the saturation by 10% instead.



 62C29C

 62C29C

FFFFFF

 45A682

 9AFBD3

 268C69

 B7FFE0

 007251

 D4FFFF

 00593A

 F1FFFF

 004024

 002A0F

 000D00

 000000

 62C29C

 62C29C

 4FC294

 75C2A4

 3BC28D

 89C2AB

 28C285

 9CC2B3

 14C27D

 B0C2BB

 01C276

 C3C2C2

 00C275

 D6C2CA

 EAC2D2

 FDC2D9

 FFC2E1

# Harmonies

## Analogous

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



8FBD7C



62C29C



2DC3C1

# Triad

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



62C29C



99AEF5



EE9C80

# Complementary

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



62C29C



C26288

# 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.



F695A0



62C29C



CAA1E3

# Square

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



62C29C



5BB9F4



EA97C4



D8A86C

# Rectangle

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



62C29C



0FC2D7



EA97C4



F3998A

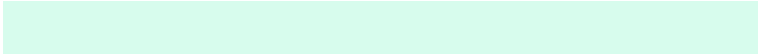


# Sweetspot

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



62C29C



D7FCED



88C262



698076



000000



808080



# Same Dimension

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



62C29C



68FCC1



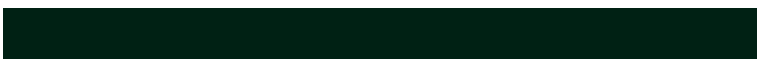
62B8C2



57615D



00A161



002114



# Inverse Universe

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



C26288



FC68A2



C26C62



61575B



A10040

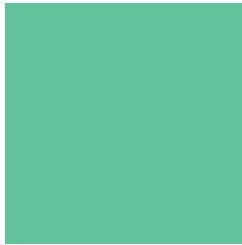


21000D



# Previews

## White Background



This preview shows how the Hex color 62C29C 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



This preview shows how the Hex color 62C29C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

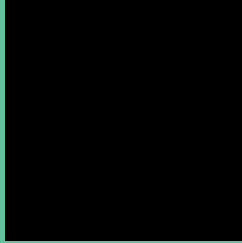
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62C29C Background



This preview shows how black text looks on a background with the Hex color 62C29C.



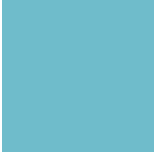
This preview shows how white text looks on a background with the Hex color 62C29C.

# 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](#).

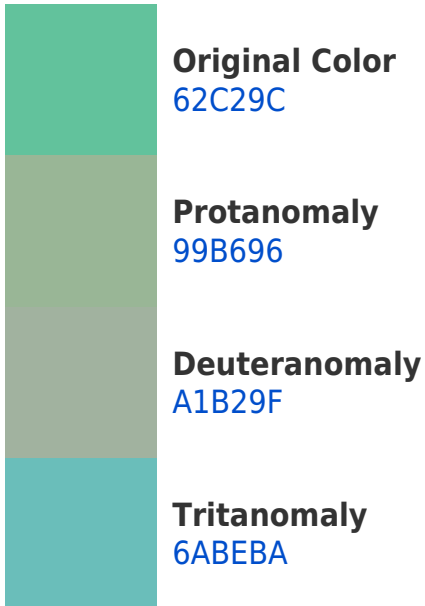
## Dichromacy



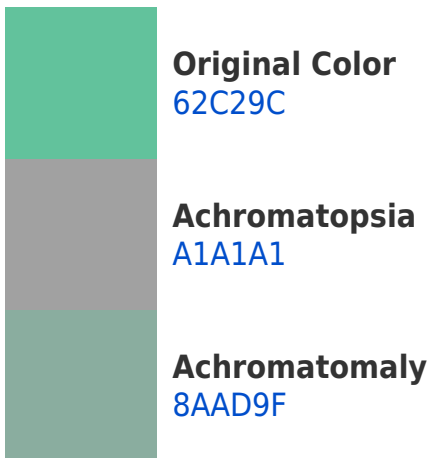


**Tritanopia**  
6FBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C29C 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 #62C29C looks like.

```
.text, #text, p{  
    color:#62C29C  
}
```

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 #62C29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C29C
}
```

## Border

The CSS property to change the border of an element to Hex 62C29C 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
#62C29C }
```

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

```
.border{ border-color:#62C29C }
```

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

Here you see how a box with a 4 pixel #62C29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C29C; -webkit-box-shadow:4px 4px  
4px 4px #62C29C; box-shadow:4px 4px 4px  
4px #62C29C }
```

# Background

The CSS property to change the background color of an element to Hex 62C29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C29C }
```

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

```
.background{ background-color:#62C29C }
```

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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