

# Converting Colors

Hex(68C29E)

Have a look what the booklet for  
Hex(68C29E) contains.

<b>Hex(68C29E)</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(68C29E)

# Conversions

## Conversions Part 1

Format	Color
Hex	68C29E
RGB	104, 194, 158
RGB Percent	41%, 76%, 62%
CMY	0.5922, 0.2392, 0.3804
CMYK	0.46, 0.00, 0.19, 0.24
HSL	156°, 42%, 58%
HSV	156°, 46%, 76%
XYZ	31.1723, 43.9953, 39.1967
YIQ	162.9860, -42.0840, -30.2760

# Conversions

## Conversions Part 2

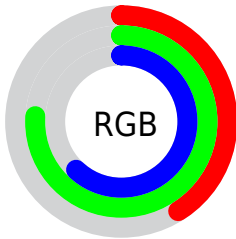
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 160, 194</a>
Decimal	<a href="#">6865566</a>
CIELab	<a href="#">72.23, -35.47, 9.84</a>
CIELCh	<a href="#">72, 36.811, 164.498</a>
Yxy	<a href="#">43.9953, 0.2726, 0.3847</a>
Android (android.graphics.Color)	<a href="#">4285055646 (0xFF68C29E)</a>
YUV	<a href="#">162.9860, -2.4581, -51.7307</a>
Hunter-Lab	<a href="#">66.3289, -32.1869, 11.3931</a>

# Details

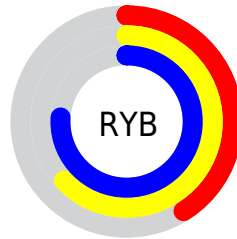
The Hex color **68C29E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C2688C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A0FBD5**, and **2F8C6B** is the 20% darker color. If you saturate the color by 10%, you get **55C296**, and if you desaturate by 10%, it is **7BC2A6**.

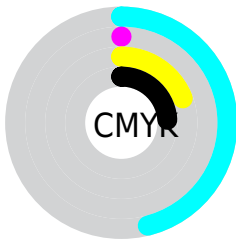
# Distribution



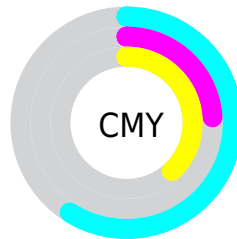
- Red (41%)
- Green (76%)
- Blue (62%)



- Red (41%)
- Yellow (63%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68C29E 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 68C29E by changing the saturation by 10% instead.



 68C29E

 68C29E

FFFFFF

 4CA784

 A0FBD5

 2F8C6B

 BCFFF1

 067252

 D9FFFF

 00593B

 F6FFFF

 004126

 002A11

 000F00

 000000

 68C29E

 68C29E

■ 55C296

■ 7BC2A6

■ 41C28E

■ 8FC2AE

■ 2EC287

■ A2C2B5

■ 1AC27F

■ B6C2BD

■ 07C277

■ C9C2C5

■ 00C274

■ DCC2CD

■ F0C2D4

■ FFC2DC

■ FFC2E4

# Harmonies

## Analogous

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



92BD80



68C29E



3EC3C1

# Triad

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



68C29E



9CAFF2



EC9E83

# Complementary

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



68C29E



C2688C

# 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.



F397A2



68C29E



CAA3E1

# Square

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



68C29E



64B9F1



E899C4



D7A971

# Rectangle

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



68C29E



2FC2D6



E899C4



F19B8D

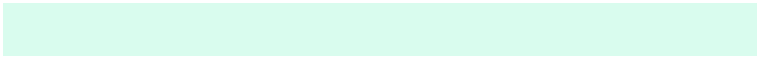


# Sweetspot

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



68C29E



D9FCEE



8CC268



6A8077



000000



808080



# Same Dimension

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



68C29E



6FFCC4



68B9C2



57615D



00A160



002114



# Inverse Universe

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



C2688C



FC6FA8



C27168



61575B



A10040

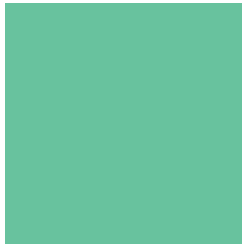


21000D



# Previews

## White Background



This preview shows how the Hex color 68C29E looks on a white background.

## Color Contrast Check

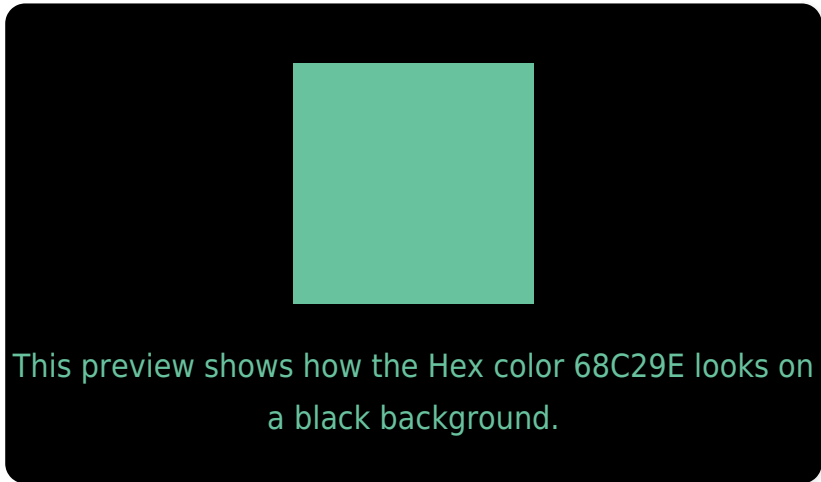
Large Text (above 18pt) WCAG AA × Fail

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

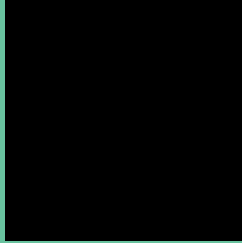
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68C29E Background



This preview shows how black text looks on a background with the Hex color 68C29E.



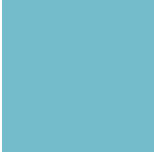
This preview shows how white text looks on a background with the Hex color 68C29E.

# 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](#).

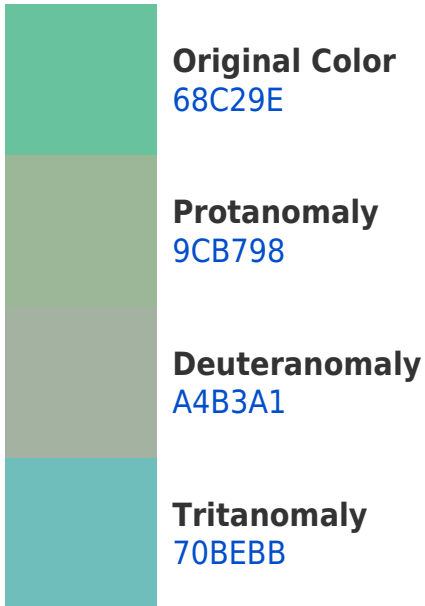
## Dichromacy



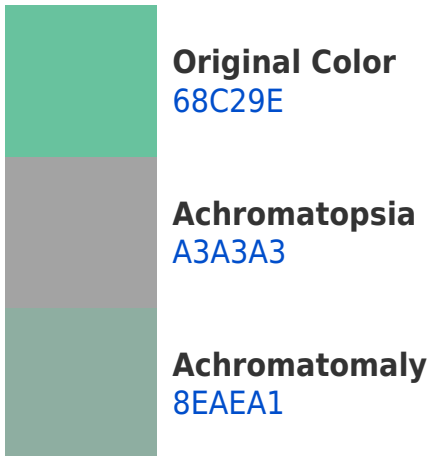


**Tritanopia**  
74BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68C29E 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 #68C29E looks like.

```
.text, #text, p{  
    color:#68C29E  
}
```

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 #68C29E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C29E
}
```

## Border

The CSS property to change the border of an element to Hex 68C29E 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
#68C29E }
```

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

```
.border{ border-color:#68C29E }
```

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

Here you see how a box with a 4 pixel #68C29E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C29E; -webkit-box-shadow:4px 4px  
4px 4px #68C29E; box-shadow:4px 4px 4px  
4px #68C29E }
```

# Background

The CSS property to change the background color of an element to Hex 68C29E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C29E }
```

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

```
.background{ background-color:#68C29E }
```

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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