

Converting Colors

Hex(5CA29E)

Have a look what the booklet for
Hex(5CA29E) contains.

Hex(5CA29E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5CA29E)

Conversions

Conversions Part 1

Format	Color
Hex	5CA29E
RGB	92, 162, 158
RGB Percent	36%, 64%, 62%
CMY	0.6392, 0.3647, 0.3804
CMYK	0.43, 0.00, 0.02, 0.36
HSL	177°, 28%, 50%
HSV	177°, 43%, 64%
XYZ	23.5055, 30.5846, 37.0123
YIQ	140.6140, -40.4360, -16.0840

Conversions

Conversions Part 2

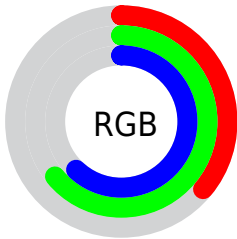
Format	Color
RYB	92, 128, 162
Decimal	6070942
CIELab	62.16, -23.03, -4.83
CIElCh	62, 23.534, 191.843
Yxy	30.5846, 0.2580, 0.3357
Android (android.graphics.Color)	4284261022 (0xFF5CA29E)
YUV	140.6140, 8.5713, -42.6345
Hunter-Lab	55.3033, -20.9132, -0.9681

Details

The Hex color **5CA29E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A25C60**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **92D9D5**, and **256E6B** is the 20% darker color. If you saturate the color by 10%, you get **4CA29D**, and if you desaturate by 10%, it is **6CA29F**.

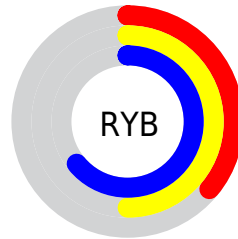
Distribution



Red (36%)

Green (64%)

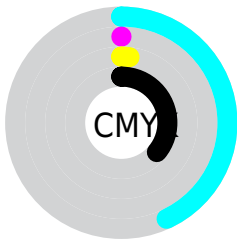
Blue (62%)



Red (36%)

Yellow (50%)

Blue (64%)

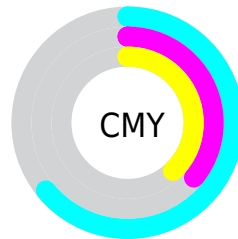


Cyan (43%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CA29E 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 5CA29E by changing the saturation by 10% instead.



5CA29E



5CA29E

FFFFFF



418884



92D9D5



256E6B



AEF6F1



005553



CAFFFF



003E3C



E7FFFF



002726



000F12



000000



5CA29E



5CA29E



4CA29D



6CA29F

■ 3CA29C

■ 7CA2A0

■ 2BA29B

■ 8DA2A1

■ 1BA29A

■ 9DA2A2

■ 0BA299

■ ADA2A3

■ 00A299

■ BDA2A4

■ CDA2A4

■ DEA2A5

■ EEA2A6

Harmonies

Analogous

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



6EA189



5CA29E



5AA0B1

Triad

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



5CA29E



A48EB5



B1916F

Complementary

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



5CA29E



A25C60

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.



BE8A7B



5CA29E



B889A4

Square

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



5CA29E



8895BF



C0878F



9D986D

Rectangle

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



5CA29E



649EBA



C0878F



B68E72

Sweetspot

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



5CA29E



B8D4D2



61A25C



5A6B6A



EBEBEB



6B6B6B

Same Dimension

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



5CA29E



66D4CD



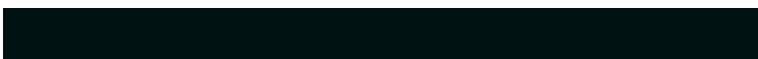
5C84A2



495251



009189



001211

Inverse Universe

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



A25C60



D4666C



A27A5C



52494A



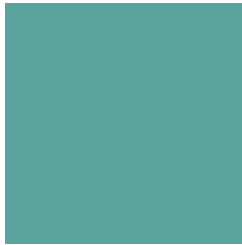
910008



120001

Previews

White Background



This preview shows how the Hex color 5CA29E looks on a white background.

Color Contrast Check

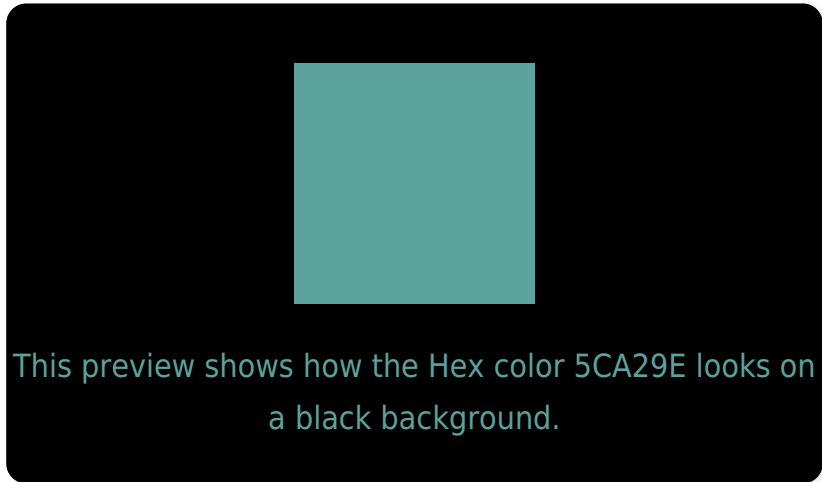
Large Text (above 18pt) WCAG AA × Fail

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

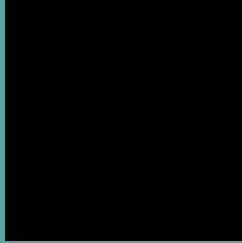
Any Text WCAG AA ✓ Pass

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 5CA29E Background



This preview shows how black text looks on a background with the Hex color 5CA29E.

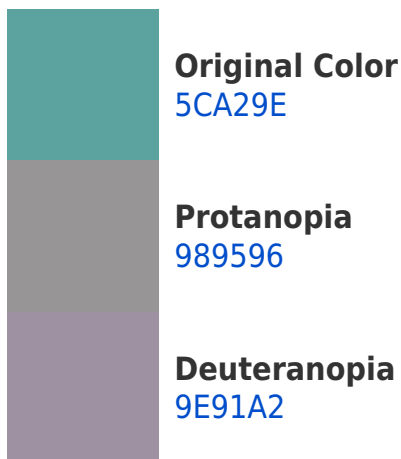


This preview shows how white text looks on a background with the Hex color 5CA29E.

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](#).

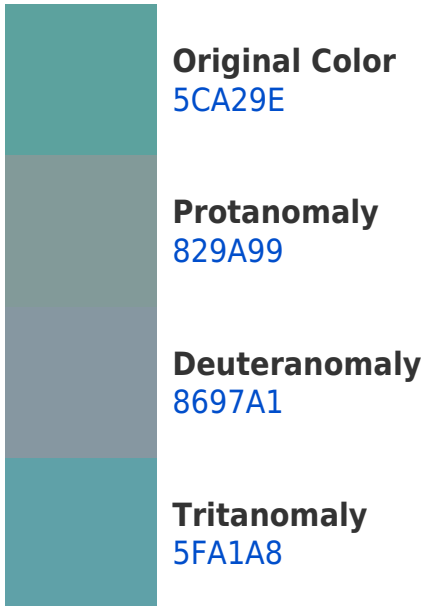
Dichromacy





Tritanopia
60A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CA29E 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 #5CA29E looks like.

```
.text, #text, p{  
    color:#5CA29E  
}
```

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 #5CA29E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA29E
}
```

Border

The CSS property to change the border of an element to Hex 5CA29E 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
#5CA29E }
```

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

```
.border{ border-color:#5CA29E }
```

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

Here you see how a box with a 4 pixel #5CA29E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA29E; -webkit-box-shadow:4px 4px  
4px 4px #5CA29E; box-shadow:4px 4px 4px  
4px #5CA29E }
```

Background

The CSS property to change the background color of an element to Hex 5CA29E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA29E }
```

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

```
.background{ background-color:#5CA29E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor