

Converting Colors

Hex(59A29A)

Have a look what the booklet for
Hex(59A29A) contains.

Hex(59A29A)	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(59A29A)

Conversions

Conversions Part 1

Format	Color
Hex	59A29A
RGB	89, 162, 154
RGB Percent	35%, 64%, 60%
CMY	0.6510, 0.3647, 0.3961
CMYK	0.45, 0.00, 0.05, 0.36
HSL	173°, 29%, 49%
HSV	173°, 45%, 64%
XYZ	22.8729, 30.2976, 35.2143
YIQ	139.2610, -40.9400, -17.9640

Conversions

Conversions Part 2

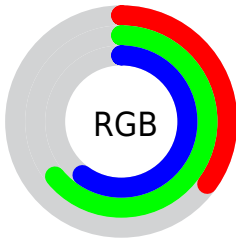
Format	Color
RYB	89, 128, 162
Decimal	5874330
CIELab	61.91, -24.82, -2.96
CIELCh	62, 24.992, 186.790
Yxy	30.2976, 0.2588, 0.3428
Android (android.graphics.Color)	4284064410 (0xFF59A29A)
YUV	139.2610, 7.2663, -44.0789
Hunter-Lab	55.0433, -22.1511, 0.5991

Details

The Hex color **59A29A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A25961**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8FD9D0**, and **216E67** is the 20% darker color. If you saturate the color by 10%, you get **49A298**, and if you desaturate by 10%, it is **69A29C**.

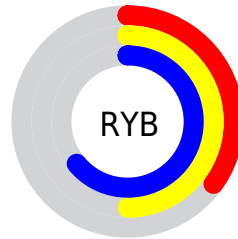
Distribution



Red (35%)

Green (64%)

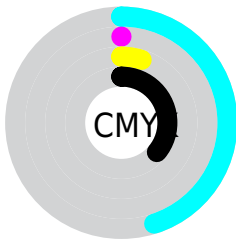
Blue (60%)



Red (35%)

Yellow (50%)

Blue (64%)

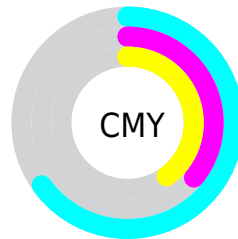


Cyan (45%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59A29A 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 59A29A by changing the saturation by 10% instead.

■ 59A29A

■ 59A29A

FFFFFF

■ 3E8880

■ 8FD9D0

■ 216E67

■ ABF6ED

■ 00554F

■ C7FFFF

■ 003E38

■ E4FFFF

■ 002723

■ 000D0D

■ 000000

■ 59A29A

■ 59A29A

■ 49A298

■ 69A29C

■ 39A296

■ 79A29E

■ 28A295

■ 8AA29F

■ 18A293

■ 9AA2A1

■ 08A291

■ AAA2A3

■ 00A290

■ BAA2A5

■ CAA2A6

■ DBA2A8

■ EBA2AA

Harmonies

Analogous

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



6FA083



59A29A



52A1AF

Triad

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



59A29A



9F8EB9



B48E6D

Complementary

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



59A29A



A25961

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.



C0887C



59A29A



B688A7

Square

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



59A29A



8196C1



C18591



A0966A

Rectangle

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



59A29A



5B9EBA



C18591



B98C71

Sweetspot

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



59A29A



B6D4D0



62A259



596B69



EBEBEB



6B6B6B

Same Dimension

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



59A29A



61D4C7



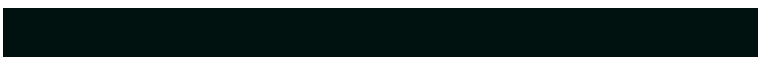
5986A2



495251



009181



001210

Inverse Universe

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



A25961



D4616E



A27559



52494A



910010



120002

Previews

White Background



This preview shows how the Hex color 59A29A looks on a white background.

Color Contrast Check

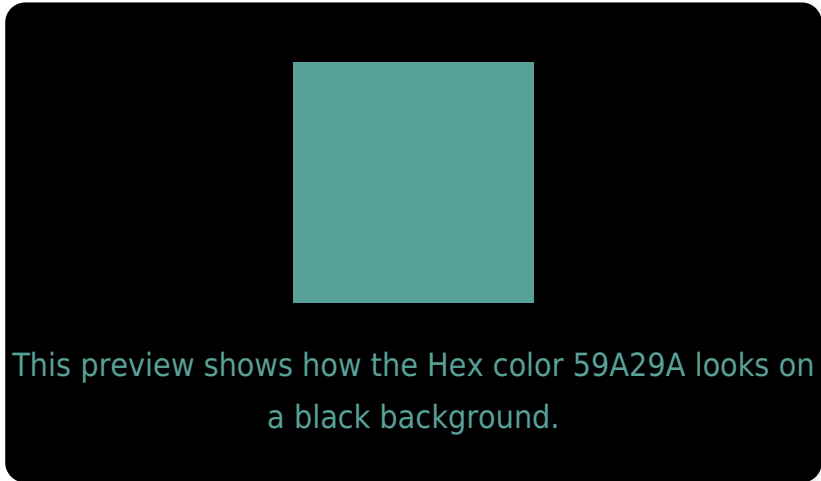
Large Text (above 18pt) WCAG AA × Fail

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

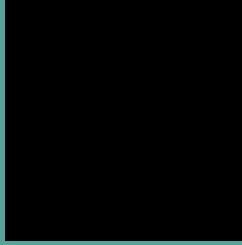
Any Text WCAG AA ✓ Pass

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 59A29A Background



This preview shows how black text looks on a background with the Hex color 59A29A.

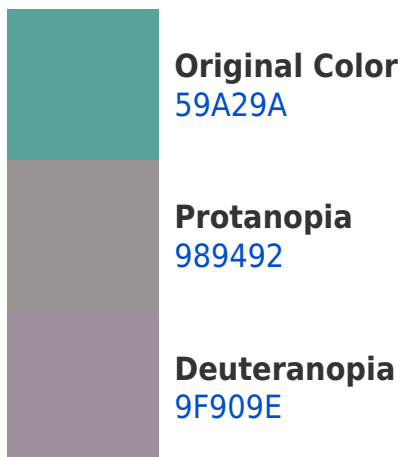


This preview shows how white text looks on a background with the Hex color 59A29A.

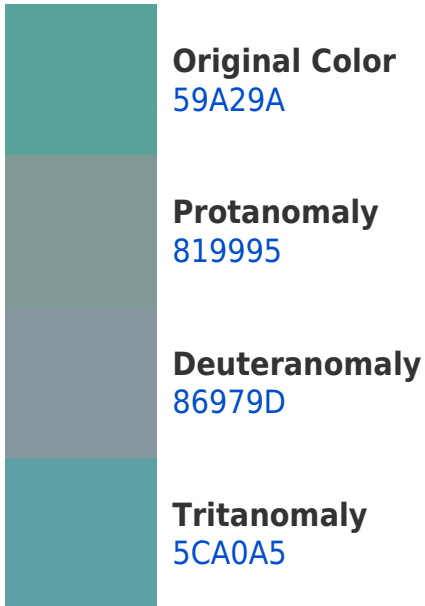
Color Blindness Simulation

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](#).

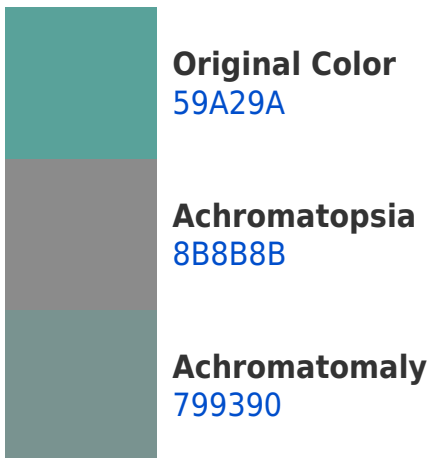
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59A29A 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 #59A29A looks like.

```
.text, #text, p{  
    color:#59A29A  
}
```

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 #59A29A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A29A
}
```

Border

The CSS property to change the border of an element to Hex 59A29A 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
#59A29A }
```

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

```
.border{ border-color:#59A29A }
```

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

Here you see how a box with a 4 pixel #59A29A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A29A; -webkit-box-shadow:4px 4px  
4px 4px #59A29A; box-shadow:4px 4px 4px  
4px #59A29A }
```

Background

The CSS property to change the background color of an element to Hex 59A29A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A29A }
```

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

```
.background{ background-color:#59A29A }
```

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