

Converting Colors

Hex(50A69E)

Have a look what the booklet for
Hex(50A69E) contains.

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Color

Hex(50A69E)

Conversions

Conversions Part 1

Format	Color
Hex	50A69E
RGB	80, 166, 158
RGB Percent	31%, 65%, 62%
CMY	0.6863, 0.3490, 0.3804
CMYK	0.52, 0.00, 0.05, 0.35
HSL	174°, 35%, 48%
HSV	174°, 52%, 65%
XYZ	23.1160, 31.4465, 37.1992
YIQ	139.3740, -48.6880, -20.7200

Conversions

Conversions Part 2

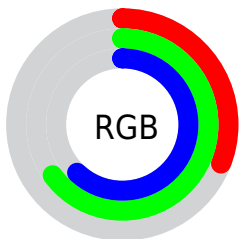
Format	Color
RYB	80, 125, 166
Decimal	5285534
CIELab	62.88, -27.91, -3.81
CIElCh	63, 28.170, 187.774
Yxy	31.4465, 0.2519, 0.3427
Android (android.graphics.Color)	4283475614 (0xFF50A69E)
YUV	139.3740, 9.1826, -52.0710
Hunter-Lab	56.0772, -24.5542, -0.0764

Details

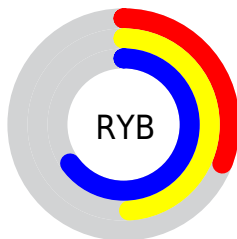
The Hex color **50A69E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A65058**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **88DDD5**, and **0C726B** is the 20% darker color. If you saturate the color by 10%, you get **3FA69C**, and if you desaturate by 10%, it is **61A6A0**.

Distribution



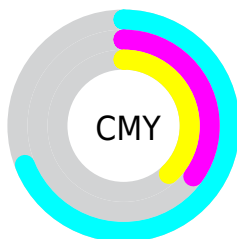
- Red (31%)
- Green (65%)
- Blue (62%)



- Red (31%)
- Yellow (49%)
- Blue (65%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (69%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A69E 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 50A69E by changing the saturation by 10% instead.

50A69E

50A69E

FFFFFF

338B84

88DDD5

0C726B

A4FAF1

005953

C1FFFF

00413C

DEFFFF

002A26

FBFFFF

001212

000000

50A69E

50A69E

3FA69C

61A6A0

2FA69B

71A6A1

1EA699

82A6A3

0EA698

92A6A4

00A697

A3A6A6

B4A6A7

C4A6A9

D5A6AA

E5A6AC

Harmonies

Analogous

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



6AA484



50A69E



47A5B6

Triad

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



50A69E



A48FC0



BA906A

Complementary

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



50A69E



A65058

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.



C8897B



50A69E



BD88AC

Square

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



50A69E



8198C9



C98592



A39966

Rectangle

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



50A69E



52A2C2



C98592



BF8D6F

Sweetspot

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



50A69E



B6D9D6



59A650



596E6C



EDEDED



6E6E6E

Same Dimension

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



50A69E



52D9CC



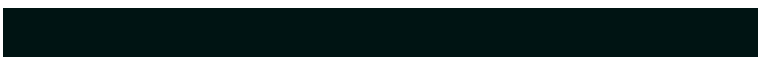
5084A6



4C5453



009486



001413

Inverse Universe

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



A65058



D9525F



A67250



544C4D



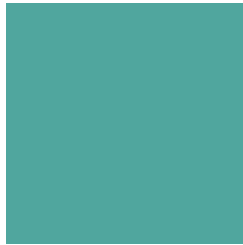
94000E



140002

Previews

White Background



This preview shows how the Hex color 50A69E looks on a white background.

Color Contrast Check

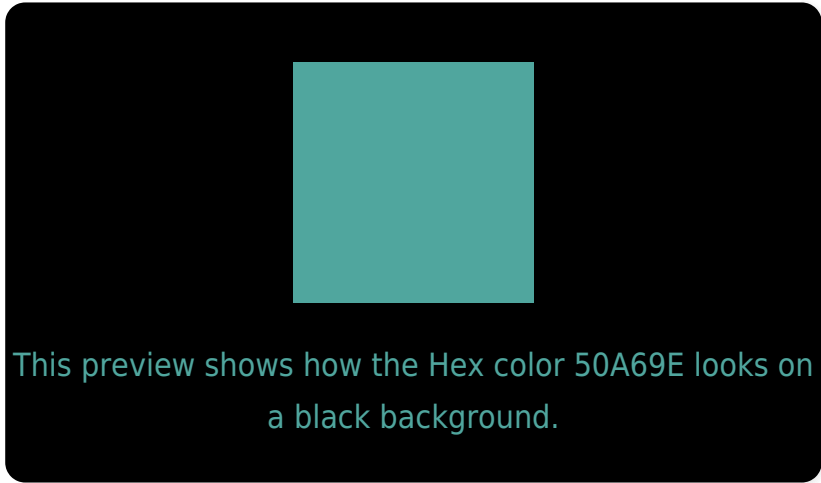
Large Text (above 18pt) WCAG AA × Fail

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

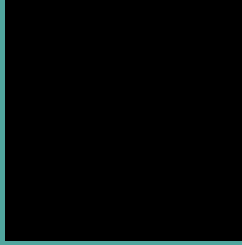
Any Text WCAG AA ✓ Pass

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 50A69E Background



This preview shows how black text looks on a background with the Hex color 50A69E.

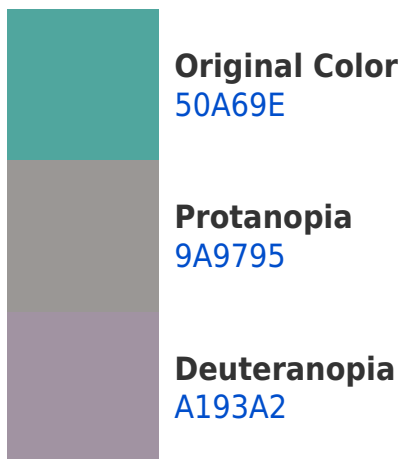


This preview shows how white text looks on a background with the Hex color 50A69E.

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
56A3B0

Trichromacy



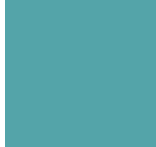
Original Color
50A69E



Protanomaly
7F9C98



Deuteranomaly
849AA1



Tritanomaly
54A4A9

Monochromacy



Original Color
50A69E



Achromatopsia
8B8B8B



Achromatomaly
769592

CSS Examples

Text

The CSS property to change the color of the text to Hex 50A69E 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 #50A69E looks like.

```
.text, #text, p{  
    color:#50A69E  
}
```

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 #50A69E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A69E
}
```

Border

The CSS property to change the border of an element to Hex 50A69E 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
#50A69E }
```

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

```
.border{ border-color:#50A69E }
```

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

Here you see how a box with a 4 pixel #50A69E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A69E; -webkit-box-shadow:4px 4px  
4px 4px #50A69E; box-shadow:4px 4px 4px  
4px #50A69E }
```

Background

The CSS property to change the background color of an element to Hex 50A69E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A69E }
```

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

```
.background{ background-color:#50A69E }
```

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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