

Converting Colors

Hex(50A69D)

Have a look what the booklet for
Hex(50A69D) contains.

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Color

Hex(50A69D)

Conversions

Conversions Part 1

Format	Color
Hex	50A69D
RGB	80, 166, 157
RGB Percent	31%, 65%, 62%
CMY	0.6863, 0.3490, 0.3843
CMYK	0.52, 0.00, 0.05, 0.35
HSL	174°, 35%, 48%
HSV	174°, 52%, 65%
XYZ	23.0303, 31.4122, 36.7476
YIQ	139.2600, -48.3670, -21.0310

Conversions

Conversions Part 2

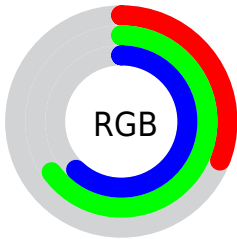
Format	Color
RYB	80, 125, 166
Decimal	5285533
CIELab	62.85, -28.17, -3.29
CIElCh	63, 28.366, 186.664
Yxy	31.4122, 0.2526, 0.3445
Android (android.graphics.Color)	4283475613 (0xFF50A69D)
YUV	139.2600, 8.7458, -51.9710
Hunter-Lab	56.0466, -24.7336, 0.3584

Details

The Hex color **50A69D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A65059**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **88DDD3**, and **0C726A** is the 20% darker color. If you saturate the color by 10%, you get **3FA69B**, and if you desaturate by 10%, it is **61A69F**.

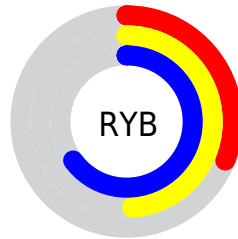
Distribution



Red (31%)

Green (65%)

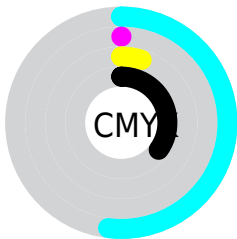
Blue (62%)



Red (31%)

Yellow (49%)

Blue (65%)

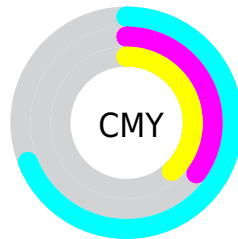


Cyan (52%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (69%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A69D 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 50A69D by changing the saturation by 10% instead.

■ 50A69D

■ 50A69D

FFFFFF

■ 338B83

■ 88DDD3

■ 0C726A

■ A4FAF0

■ 005952

■ C0FFFF

■ 00413B

■ DDDFFF

■ 002A25

■ FFFFFFFF

■ 001211

■ 000000

■ 50A69D

■ 50A69D

■ 3FA69B

■ 61A69F

2FA69A

71A6A0

1EA698

82A6A2

0EA696

92A6A4

00A695

A3A6A6

B4A6A7

C4A6A9

D5A6AB

E5A6AD

Harmonies

Analogous

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



6BA483



50A69D



46A5B5

Triad

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



50A69D



A390C1



BA906A

Complementary

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



50A69D



A65059

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.



C8887B



50A69D



BD88AD

Square

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



50A69D



7F99CA



C98593



A49866

Rectangle

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



50A69D



51A2C1



C98593



C08D6F

Sweetspot

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



50A69D



B6D9D5



5AA650



596E6B



EDEDED



6E6E6E

Same Dimension

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



50A69D



52D9CB



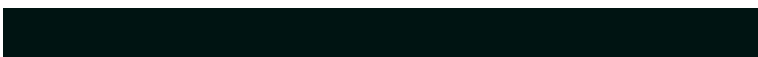
5085A6



4C5453



009484



001412

Inverse Universe

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



A65059



D95260



A67150



544C4D



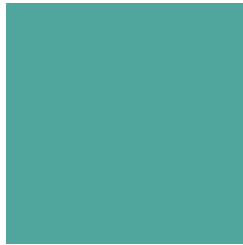
94000F



140002

Previews

White Background



This preview shows how the Hex color 50A69D looks on a white background.

Color Contrast Check

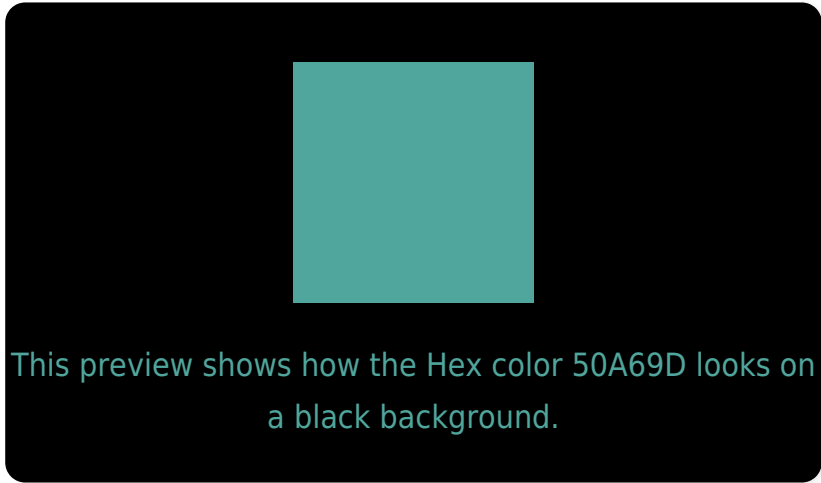
Large Text (above 18pt) WCAG AA × Fail

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

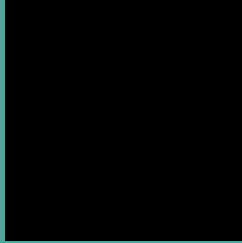
Any Text WCAG AA ✓ Pass

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 50A69D Background



This preview shows how black text looks on a background with the Hex color 50A69D.

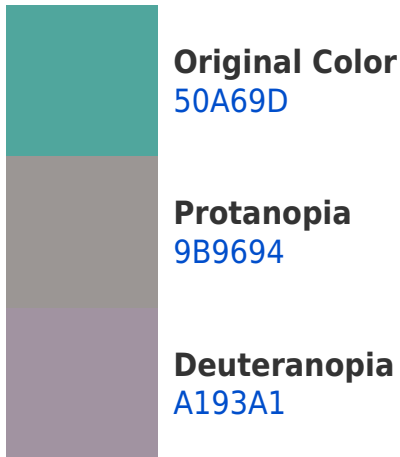


This preview shows how white text looks on a background with the Hex color 50A69D.

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](#).

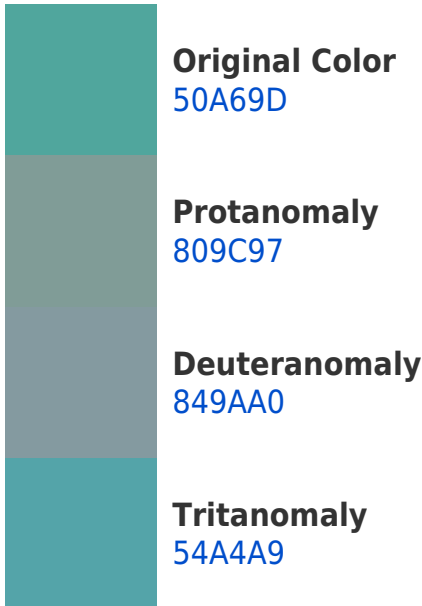
Dichromacy



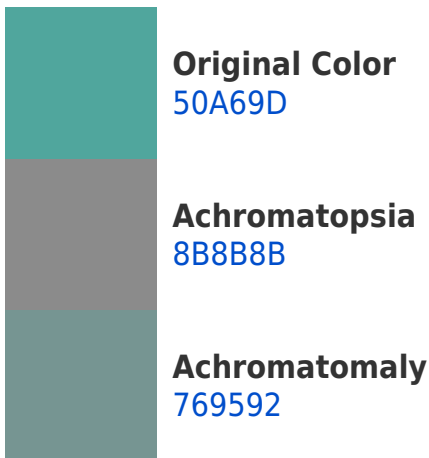


Tritanopia
57A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A69D 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 #50A69D looks like.

```
.text, #text, p{  
    color:#50A69D  
}
```

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 #50A69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A69D
}
```

Border

The CSS property to change the border of an element to Hex 50A69D 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
#50A69D }
```

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

```
.border{ border-color:#50A69D }
```

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

Here you see how a box with a 4 pixel #50A69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A69D; -webkit-box-shadow:4px 4px  
4px 4px #50A69D; box-shadow:4px 4px 4px  
4px #50A69D }
```

Background

The CSS property to change the background color of an element to Hex 50A69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A69D }
```

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

```
.background{ background-color:#50A69D }
```

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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