

Converting Colors

Hex(50A68F)

Have a look what the booklet for
Hex(50A68F) contains.

Hex(50A68F)	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(50A68F)

Conversions

Conversions Part 1

Format	Color
Hex	50A68F
RGB	80, 166, 143
RGB Percent	31%, 65%, 56%
CMY	0.6863, 0.3490, 0.4392
CMYK	0.52, 0.00, 0.14, 0.35
HSL	164°, 35%, 48%
HSV	164°, 52%, 65%
XYZ	21.9024, 30.9611, 30.8083
YIQ	137.6640, -43.8730, -25.3850

Conversions

Conversions Part 2

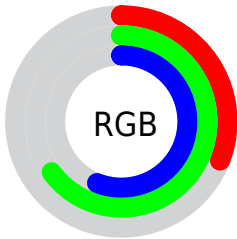
Format	Color
RYB	80, 130, 166
Decimal	5285519
CIELab	62.47, -31.71, 4.00
CIElCh	62, 31.964, 172.809
Yxy	30.9611, 0.2618, 0.3700
Android (android.graphics.Color)	4283475599 (0xFF50A68F)
YUV	137.6640, 2.6306, -50.5713
Hunter-Lab	55.6427, -27.1124, 6.1221

Details

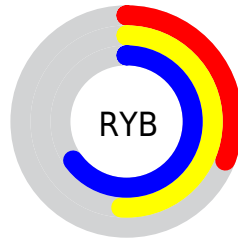
The Hex color **50A68F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A65067**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **87DEC5**, and **10715D** is the 20% darker color. If you saturate the color by 10%, you get **3FA68B**, and if you desaturate by 10%, it is **61A693**.

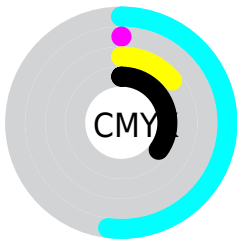
Distribution



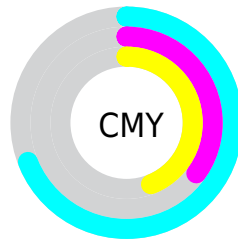
- Red (31%)
- Green (65%)
- Blue (56%)



- Red (31%)
- Yellow (51%)
- Blue (65%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (69%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A68F 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 50A68F by changing the saturation by 10% instead.



50A68F



50A68F

FFFFFF



338B75



87DEC5



10715D



A3FAE1



005845



C0FFFD



00402F



DCFFFF



002A1A



FAFFFF



001000



000000



50A68F



50A68F



3FA68B



61A693

 2FA686

 71A698

 1EA682

 82A69C

 0EA67D

 92A6A1

 00A67A

 A3A6A5

 B4A6AA

 C4A6AE

 D5A6B3

 E5A6B7

Harmonies

Analogous

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



73A374



50A68F



31A6AC

Triad

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



50A68F



9192CB



C5896B

Complementary

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



50A68F



A65067

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.



CF8282



50A68F



B488BA

Square

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



50A68F



649CCF



CA829F



B0935F

Rectangle

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



50A68F



30A4BD



CA829F



CA8772

Sweetspot

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



50A68F



B6D9CF



68A650



596E68



EDEDED



6E6E6E

Same Dimension

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



50A68F



52D9B5



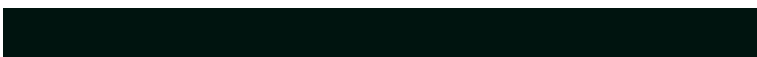
5093A6



4C5452



00946C



00140F

Inverse Universe

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



A65067



D95276



A66350



544C4E



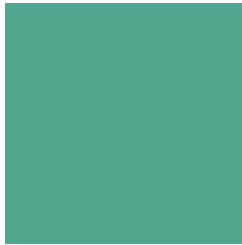
940028



140005

Previews

White Background



This preview shows how the Hex color 50A68F looks on a white background.

Color Contrast Check

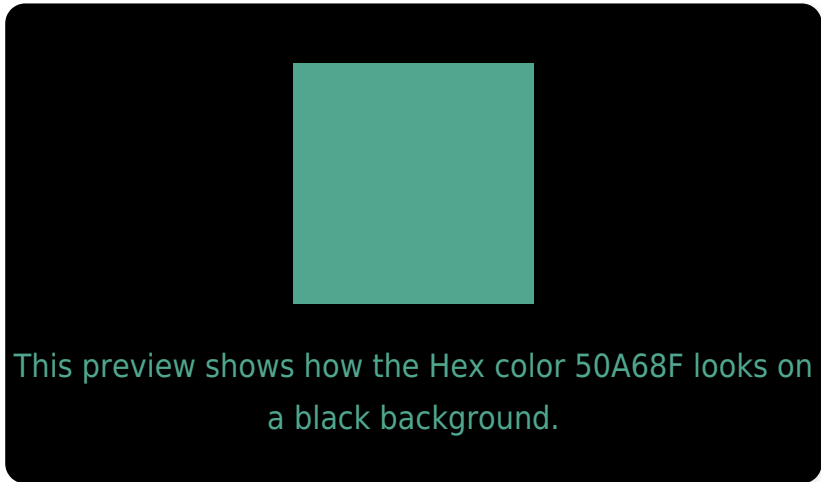
Large Text (above 18pt) WCAG AA × Fail

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

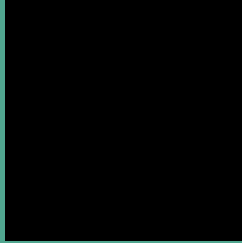
Any Text WCAG AA ✓ Pass

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 50A68F Background



This preview shows how black text looks on a background with the Hex color 50A68F.

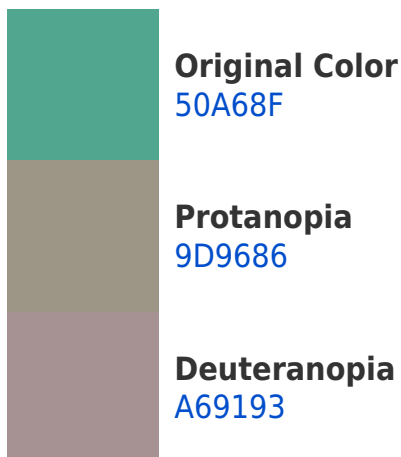


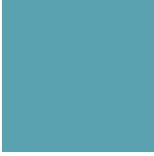
This preview shows how white text looks on a background with the Hex color 50A68F.

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](#).

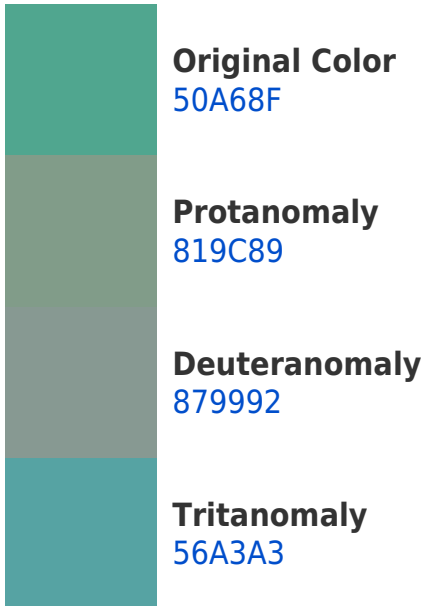
Dichromacy



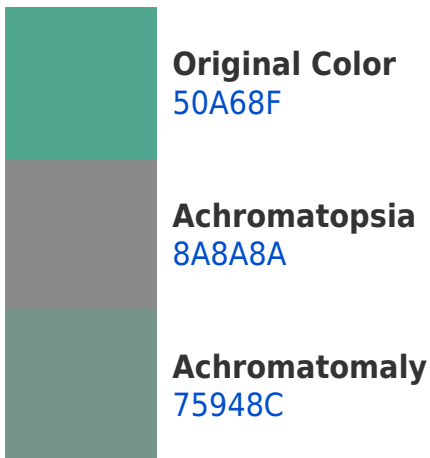


Tritanopia
5AA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A68F 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 #50A68F looks like.

```
.text, #text, p{  
    color:#50A68F  
}
```

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 #50A68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A68F
}
```

Border

The CSS property to change the border of an element to Hex 50A68F 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
#50A68F }
```

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

```
.border{ border-color:#50A68F }
```

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

Here you see how a box with a 4 pixel #50A68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A68F; -webkit-box-shadow:4px 4px  
4px 4px #50A68F; box-shadow:4px 4px 4px  
4px #50A68F }
```

Background

The CSS property to change the background color of an element to Hex 50A68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A68F }
```

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

```
.background{ background-color:#50A68F }
```

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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