

Converting Colors

Hex(549D88)

Have a look what the booklet for
Hex(549D88) contains.

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Color

Hex(549D88)

Conversions

Conversions Part 1

Format	Color
Hex	549D88
RGB	84, 157, 136
RGB Percent	33%, 62%, 53%
CMY	0.6706, 0.3843, 0.4667
CMYK	0.46, 0.00, 0.13, 0.38
HSL	163°, 30%, 47%
HSV	163°, 46%, 62%
XYZ	20.1571, 27.7763, 27.5915
YIQ	132.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

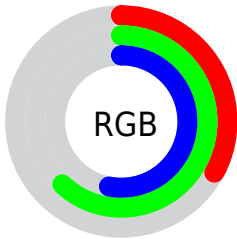
Format	Color
RYB	84, 127, 157
Decimal	5545352
CIELab	59.69, -28.06, 3.93
CIELCh	60, 28.336, 172.024
Yxy	27.7763, 0.2669, 0.3678
Android (android.graphics.Color)	4283735432 (0xFF549D88)
YUV	132.7790, 1.5880, -42.7792
Hunter-Lab	52.7033, -23.9610, 5.8524

Details

The Hex color **549D88** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D5469**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8AD4BD**, and **1C6956** is the 20% darker color. If you saturate the color by 10%, you get **449D83**, and if you desaturate by 10%, it is **649D8D**.

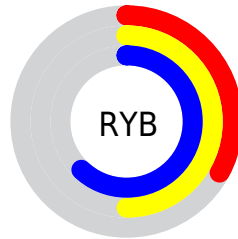
Distribution



Red (33%)

Green (62%)

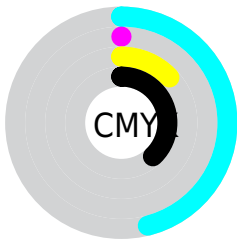
Blue (53%)



Red (33%)

Yellow (50%)

Blue (62%)

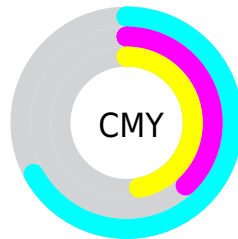


Cyan (46%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (67%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 549D88 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 549D88 by changing the saturation by 10% instead.



549D88



549D88

FFFFFF



39836F



8AD4BD



1C6956



A5F0D9



00513F



C1FFF5



003929



DEFFF5



002415



FBFFF5



000000



549D88



549D88



449D83



649D8D



359D7F



739D91

■ 259D7A

■ 839D96

■ 159D76

■ 939D9A

■ 059D71

■ A39D9F

■ 009D70

■ B29DA3

■ C29DA8

■ D29DAC

■ E19DB1

Harmonies

Analogous

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



719A70



549D88



3D9DA2

Triad

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



549D88



8A8CBE



B98469

Complementary

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



549D88



9D5469

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.



C17E7E



549D88



A983AF

Square

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



549D88



6494C1



BC7E97



A78C5F

Rectangle

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



549D88



3D9CB0



BC7E97



BD8170

Sweetspot

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



549D88



AFCCC4



6A9D54



556661



E6E6E6



666666

Same Dimension

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



549D88



5ACCAB



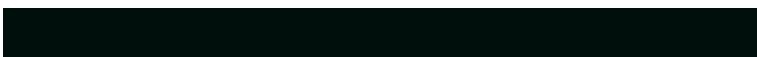
548E9D



474F4D



008F66



000F0B

Inverse Universe

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



9D5469



CC5A7B



9D6354



4F4749



8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 549D88 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

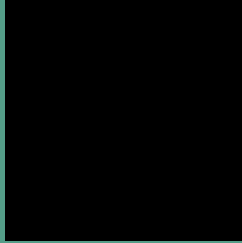
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 549D88 Background



This preview shows how black text looks on a background with the Hex color 549D88.

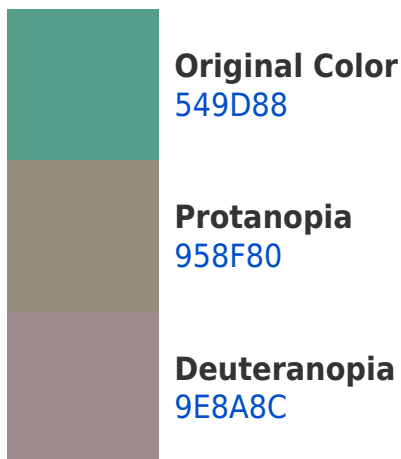


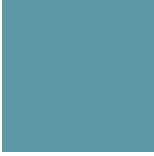
This preview shows how white text looks on a background with the Hex color 549D88.

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



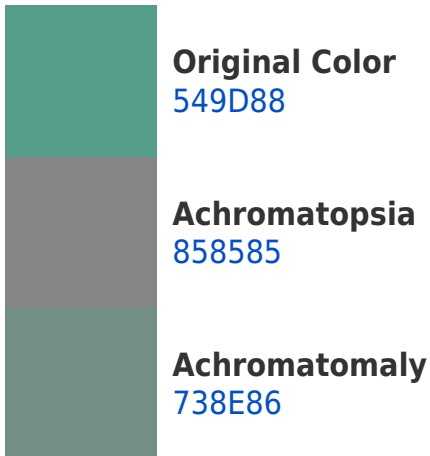


Tritanopia
5C99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 549D88 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 #549D88 looks like.

```
.text, #text, p{  
    color:#549D88  
}
```

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 #549D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549D88
}
```

Border

The CSS property to change the border of an element to Hex 549D88 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
#549D88 }
```

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

```
.border{ border-color:#549D88 }
```

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

Here you see how a box with a 4 pixel #549D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549D88; -webkit-box-shadow:4px 4px  
4px 4px #549D88; box-shadow:4px 4px 4px  
4px #549D88 }
```

Background

The CSS property to change the background color of an element to Hex 549D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549D88 }
```

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

```
.background{ background-color:#549D88 }
```

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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