

Converting Colors

Hex(53A48D)

Have a look what the booklet for
Hex(53A48D) contains.

Hex(53A48D)	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(53A48D)

Conversions

Conversions Part 1

Format	Color
Hex	53A48D
RGB	83, 164, 141
RGB Percent	33%, 64%, 55%
CMY	0.6745, 0.3569, 0.4471
CMYK	0.49, 0.00, 0.14, 0.36
HSL	163°, 33%, 48%
HSV	163°, 49%, 64%
XYZ	21.6505, 30.3130, 29.9092
YIQ	137.1590, -40.8930, -24.3250

Conversions

Conversions Part 2

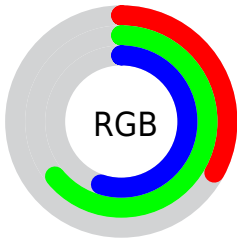
Format	Color
RYB	83, 130, 164
Decimal	5481613
CIELab	61.92, -30.52, 4.34
CIElCh	62, 30.823, 171.905
Yxy	30.3130, 0.2644, 0.3702
Android (android.graphics.Color)	4283671693 (0xFF53A48D)
YUV	137.1590, 1.8936, -47.4974
Hunter-Lab	55.0572, -26.1577, 6.3315

Details

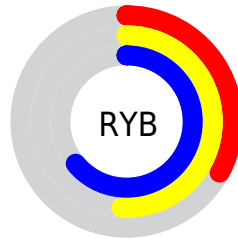
The Hex color **53A48D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A4536A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8ADBC3**, and **17705B** is the 20% darker color. If you saturate the color by 10%, you get **43A488**, and if you desaturate by 10%, it is **63A492**.

Distribution



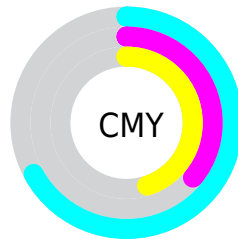
- Red (33%)
- Green (64%)
- Blue (55%)



- Red (33%)
- Yellow (51%)
- Blue (64%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A48D 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 53A48D by changing the saturation by 10% instead.



53A48D



53A48D

FFFFFF



378973



8ADBC3



17705B



A5F8DE



005743



C2FFFB



003F2D



DFFFFFF



002919



FFFFFFF



000D00



000000



53A48D



53A48D



43A488



63A492

 32A484

 74A496

 22A47F

 84A49B

 11A47A

 95A4A0

 01A476

 A5A4A4

 00A475

 B5A4A9

 C6A4AE

 D6A4B2

 E7A4B7

Harmonies

Analogous

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



74A173



53A48D



37A4A9

Triad

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



53A48D



8F91C8



C3886C

Complementary

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



53A48D



A4536A

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.



CC8283



53A48D



B188B8

Square

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



53A48D



649ACB



C6819E



AF9160

Rectangle

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



53A48D



36A3B9



C6819E



C78672

Sweetspot

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



53A48D



B6D6CD



6BA453



586B66



EBEBEB



6B6B6B

Same Dimension

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



53A48D



58D6B2



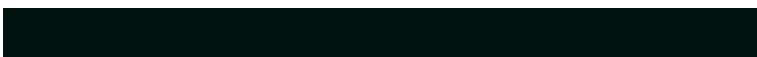
5394A4



49524F



009168



00120D

Inverse Universe

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



A4536A



D6587C



A46353



52494C



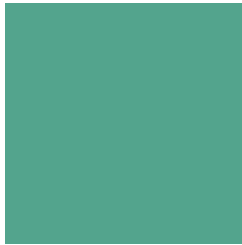
910029



120005

Previews

White Background



This preview shows how the Hex color 53A48D looks on a white background.

Color Contrast Check

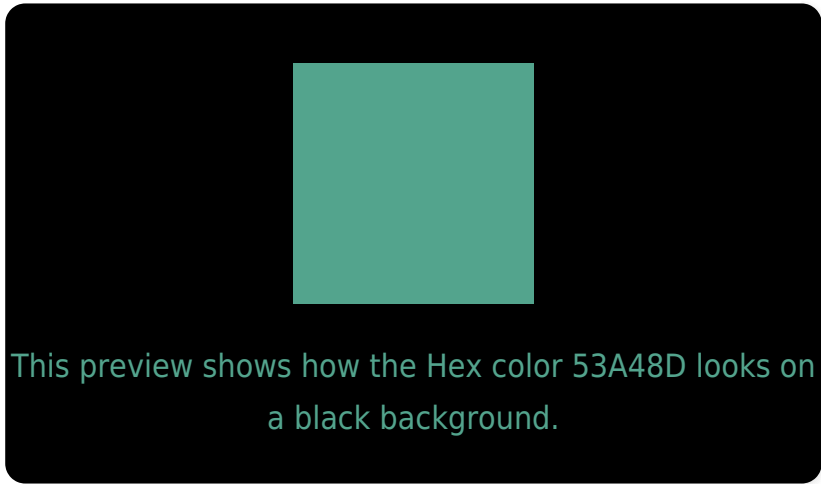
Large Text (above 18pt) WCAG AA × Fail

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

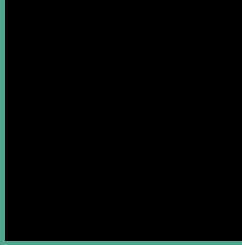
Any Text WCAG AA ✓ Pass

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 53A48D Background



This preview shows how black text looks on a background with the Hex color 53A48D.

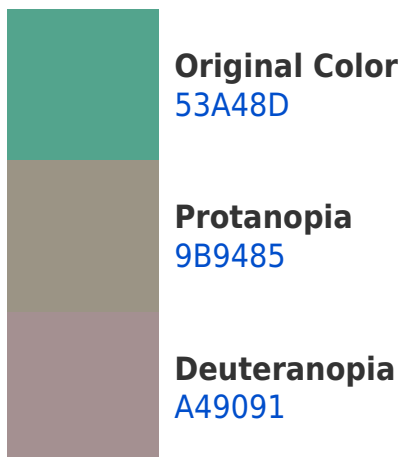


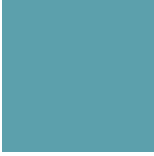
This preview shows how white text looks on a background with the Hex color 53A48D.

Color Blindness Simulation

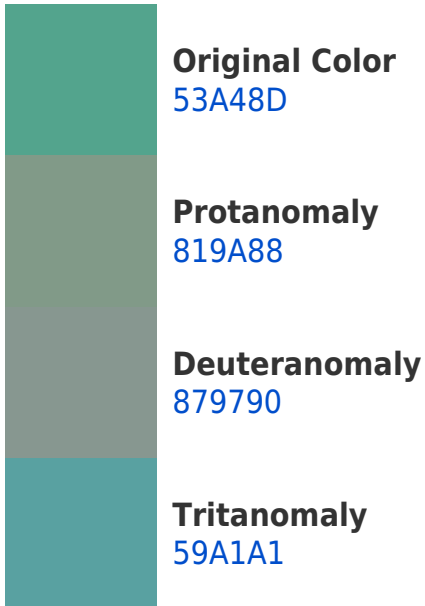
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

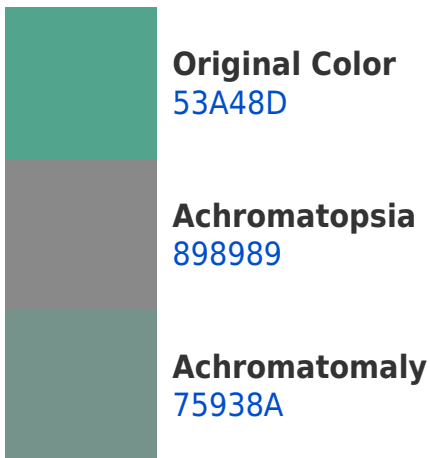




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53A48D 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 #53A48D looks like.

```
.text, #text, p{  
    color:#53A48D  
}
```

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 #53A48D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A48D
}
```

Border

The CSS property to change the border of an element to Hex 53A48D 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
#53A48D }
```

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

```
.border{ border-color:#53A48D }
```

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

Here you see how a box with a 4 pixel #53A48D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A48D; -webkit-box-shadow:4px 4px  
4px 4px #53A48D; box-shadow:4px 4px 4px  
4px #53A48D }
```

Background

The CSS property to change the background color of an element to Hex 53A48D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A48D }
```

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

```
.background{ background-color:#53A48D }
```

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