

# Converting Colors

Hex(53A988)

Have a look what the booklet for  
Hex(53A988) contains.

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**Color**

**Hex(53A988)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A988
RGB	83, 169, 136
RGB Percent	33%, 66%, 53%
CMY	0.6745, 0.3373, 0.4667
CMYK	0.51, 0.00, 0.20, 0.34
HSL	157°, 34%, 49%
HSV	157°, 51%, 66%
XYZ	22.1992, 31.9925, 28.2977
YIQ	139.5240, -40.6630, -28.4950

# Conversions

## Conversions Part 2

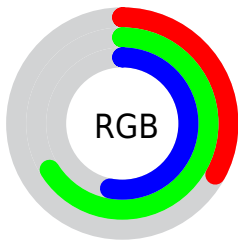
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 136, 169
Decimal	5482888
CIELab	63.34, -34.05, 9.16
CIELCh	63, 35.259, 164.950
Yxy	31.9925, 0.2691, 0.3878
Android (android.graphics.Color)	4283672968 (0xFF53A988)
YUV	139.5240, -1.7373, -49.5715
Hunter-Lab	56.5619, -28.9264, 9.9308

# Details

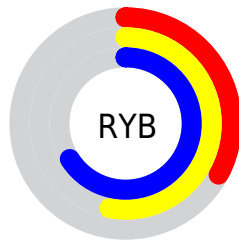
The Hex color **53A988** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A95374**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8AE1BD**, and **167456** is the 20% darker color. If you saturate the color by 10%, you get **42A982**, and if you desaturate by 10%, it is **64A98E**.

# Distribution



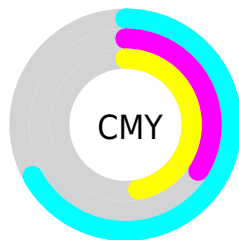
- Red (33%)
- Green (66%)
- Blue (53%)



- Red (33%)
- Yellow (53%)
- Blue (66%)



- Cyan (51%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A988 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 53A988 by changing the saturation by 10% instead.



 53A988

 53A988


FFFFFF

 378E6F


 8AE1BD

 167456

 A6FED9

 005B3F

 C2FFF6

 004329

 DFFFFF

 002C15

 FDFFFF

 001400

 000000

 53A988

 53A988

 42A982

 64A98E

 31A97B

 75A995

 20A975

 86A99B

 0FA96E

 97A9A2

 00A968

 A7A9A8

 B8A9AF

 C9A9B5

 DAA9BC

 EBA9C2

# Harmonies

## Analogous

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



7BA46C



53A988



23AAA8

# Triad

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



53A988



8597D6



D0876E

# Complementary

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



53A988



A95374

# 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.



D7818B



53A988



B18BC6

# Square

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



53A988



4FA1D5



CD83AA



BC925D

# Rectangle

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



53A988



06A9BC



CD83AA



D48577



# Sweetspot

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



53A988



BADBCF



75A953



5A6E66



EDEDED



6E6E6E



# Same Dimension

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



53A988



56DBA8



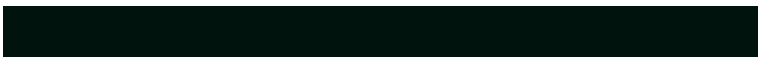
53A0A9



4C5451



00945B



00140D



# Inverse Universe

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



A95374



DB5689



A95C53



544C4F



940039

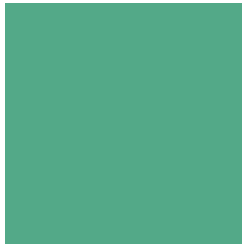


140008



# Previews

## White Background



This preview shows how the Hex color 53A988 looks on a white background.

## Color Contrast Check

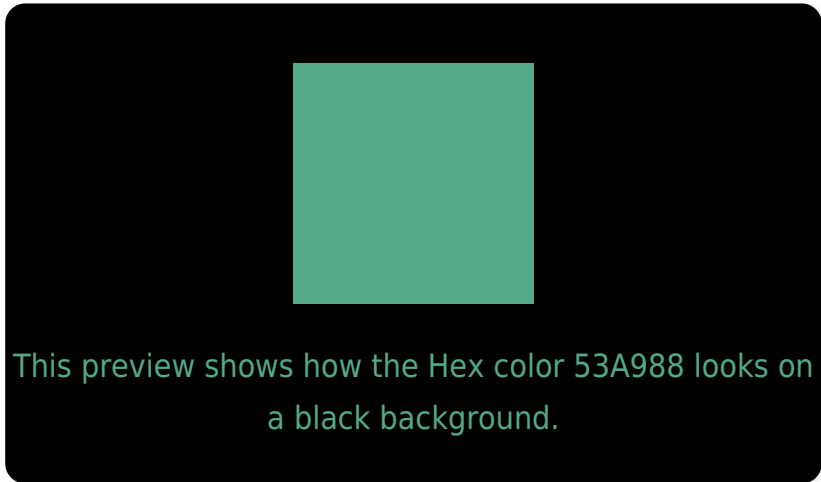
Large Text (above 18pt) WCAG AA × Fail

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

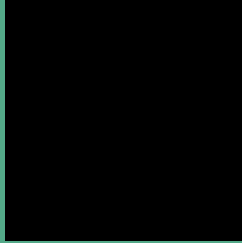
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53A988 Background



This preview shows how black text looks on a background with the Hex color 53A988.

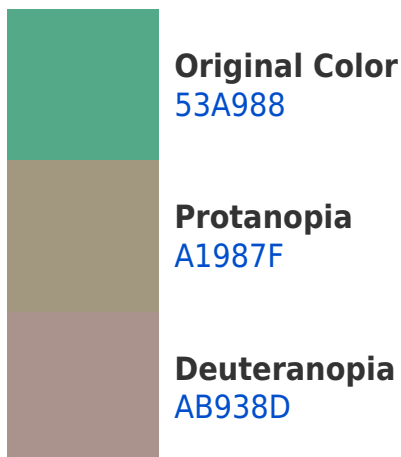


This preview shows how white text looks on a background with the Hex color 53A988.

# 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



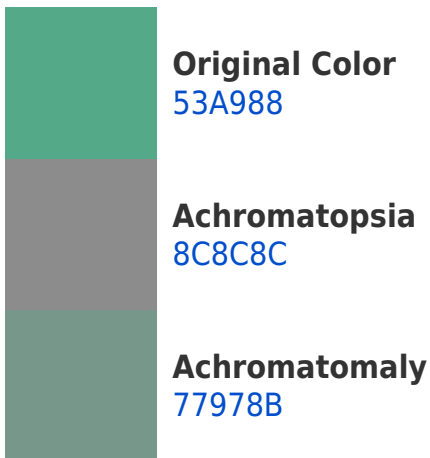


**Tritanopia**  
5FA3B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A988 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 #53A988 looks like.

```
.text, #text, p{  
    color:#53A988  
}
```

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 #53A988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A988  
}
```

## Border

The CSS property to change the border of an element to Hex 53A988 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  
#53A988 }
```

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

```
.border{ border-color:#53A988 }
```

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

Here you see how a box with a 4 pixel #53A988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A988; -webkit-box-shadow:4px 4px  
4px 4px #53A988; box-shadow:4px 4px 4px  
4px #53A988 }
```

# Background

The CSS property to change the background color of an element to Hex 53A988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A988 }
```

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

```
.background{ background-color:#53A988 }
```

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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