

Converting Colors

Hex(53AE88)

Have a look what the booklet for
Hex(53AE88) contains.

Hex(53AE88)	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(53AE88)

Conversions

Conversions Part 1

Format	Color
Hex	53AE88
RGB	83, 174, 136
RGB Percent	33%, 68%, 53%
CMY	0.6745, 0.3176, 0.4667
CMYK	0.52, 0.00, 0.22, 0.32
HSL	155°, 36%, 50%
HSV	155°, 52%, 68%
XYZ	23.1473, 33.8887, 28.6137
YIQ	142.4590, -42.0380, -31.1100

Conversions

Conversions Part 2

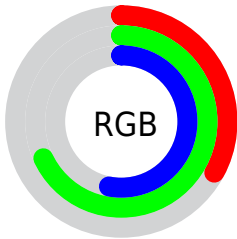
Format	Color
RYB	83, 141, 174
Decimal	5484168
CIELab	64.87, -36.35, 11.33
CIELCh	65, 38.079, 162.686
Yxy	33.8887, 0.2703, 0.3957
Android (android.graphics.Color)	4283674248 (0xFF53AE88)
YUV	142.4590, -3.1843, -52.1455
Hunter-Lab	58.2140, -30.8986, 11.6072

Details

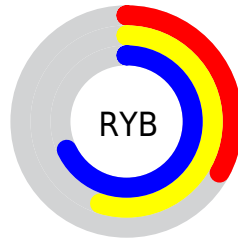
The Hex color **53AE88** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE5379**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BE6BD**, and **137956** is the 20% darker color. If you saturate the color by 10%, you get **42AE81**, and if you desaturate by 10%, it is **64AE8F**.

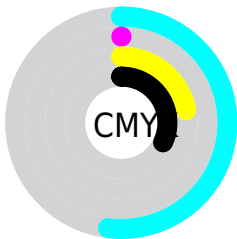
Distribution



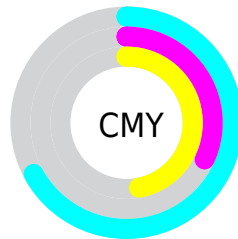
- Red (33%)
- Green (68%)
- Blue (53%)



- Red (33%)
- Yellow (55%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AE88 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 53AE88 by changing the saturation by 10% instead.



53AE88



53AE88

FFFFFF



36936F



8BE6BD



137956



A7FFD9



005F3F



C3FFF6



004729



E0FFFF



003014

FEFFFF



001A00



000000



53AE88



53AE88



42AE81



64AE8F

 30AE79

 76AE97

 1FAE72

 87AE9E

 0DAE6B

 99AEA5

 00AE65

 AAAEAC

 BBAEB4

 CDAEBB

 DEAE C2

 F0AE C9

Harmonies

Analogous

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



7FA96A



53AE88



0EAFAB

Triad

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



53AE88



839CE0



D98971

Complementary

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



53AE88



AE5379

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.



DF8390



53AE88



B48FD0

Square

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



53AE88



43A6DE



D385B3



C4955C

Rectangle

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



53AE88



00AEC1



D385B3



DD867A

Sweetspot

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



53AE88



BFE3D4



7AAE53



5D736A



F2F2F2



737373

Same Dimension

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



53AE88



54E3A7



53A8AE



4E5753



009658



00170D

Inverse Universe

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



AE5379



E35490



AE5953



574E52



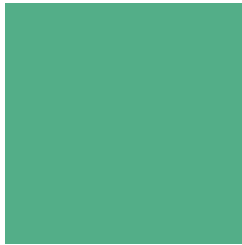
96003F



17000A

Previews

White Background



This preview shows how the Hex color 53AE88 looks on a white background.

Color Contrast Check

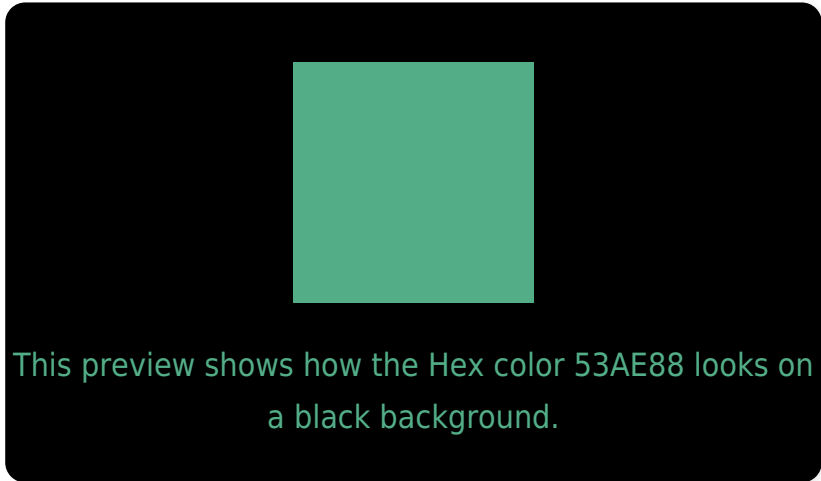
Large Text (above 18pt) WCAG AA × Fail

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 53AE88 Background



This preview shows how black text looks on a background with the Hex color 53AE88.

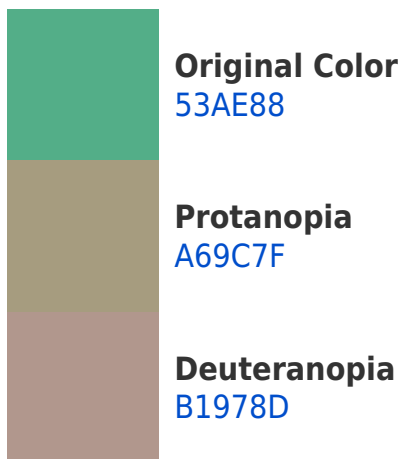


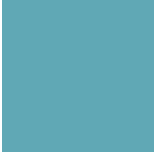
This preview shows how white text looks on a background with the Hex color 53AE88.

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](#).

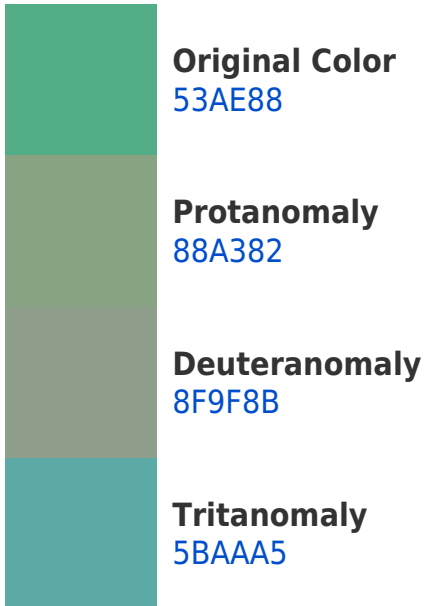
Dichromacy





Tritanopia
60A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AE88 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 #53AE88 looks like.

```
.text, #text, p{  
    color:#53AE88  
}
```

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 #53AE88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AE88
}
```

Border

The CSS property to change the border of an element to Hex 53AE88 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
#53AE88 }
```

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

```
.border{ border-color:#53AE88 }
```

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

Here you see how a box with a 4 pixel #53AE88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AE88; -webkit-box-shadow:4px 4px  
4px 4px #53AE88; box-shadow:4px 4px 4px  
4px #53AE88 }
```

Background

The CSS property to change the background color of an element to Hex 53AE88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AE88 }
```

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

```
.background{ background-color:#53AE88 }
```

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