

Converting Colors

Hex(53AB7F)

Have a look what the booklet for
Hex(53AB7F) contains.

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Color

Hex(53AB7F)

Conversions

Conversions Part 1

Format	Color
Hex	53AB7F
RGB	83, 171, 127
RGB Percent	33%, 67%, 50%
CMY	0.6745, 0.3294, 0.5020
CMYK	0.51, 0.00, 0.26, 0.33
HSL	150°, 35%, 50%
HSV	150°, 51%, 67%
XYZ	21.9610, 32.4971, 25.1938
YIQ	139.6720, -38.3240, -32.3400

Conversions

Conversions Part 2

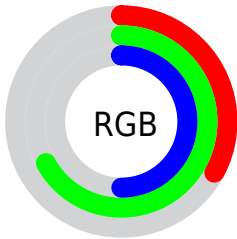
Format	Color
RYB	83, 142, 171
Decimal	5483391
CIELab	63.75, -36.94, 14.72
CIElCh	64, 39.768, 158.277
Yxy	32.4971, 0.2757, 0.4080
Android (android.graphics.Color)	4283673471 (0xFF53AB7F)
YUV	139.6720, -6.2473, -49.7013
Hunter-Lab	57.0063, -30.9960, 13.7013

Details

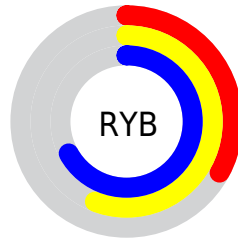
The Hex color **53AB7F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB537F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8AE3B4**, and **15764E** is the 20% darker color. If you saturate the color by 10%, you get **42AB76**, and if you desaturate by 10%, it is **64AB88**.

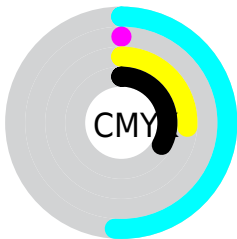
Distribution



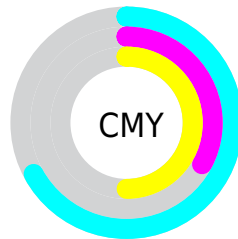
- Red (33%)
- Green (67%)
- Blue (50%)



- Red (33%)
- Yellow (56%)
- Blue (67%)



- Cyan (51%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)



- Cyan (67%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AB7F 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 53AB7F by changing the saturation by 10% instead.

 53AB7F

 53AB7F

FFFFFF

 379066

 8AE3B4

 15764E

 A6FFCF

 005D37

 C2FFEC

 004421

 DFFFFFF

 002D0B

 FFFFFFF

 001600

 000000

 53AB7F

 53AB7F

 42AB76

 64AB88

 31AB6E

 75AB90

 20AB65

 86AB99

 0FAB5D

 97ABA1

 00AB55

 A8ABAA

 BAABB2

 CBABBB

 DCABC3

 EDABCC

Harmonies

Analogous

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



81A561



53AB7F



00ADA3

Triad

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



53AB7F



759BE0



DA8470

Complementary

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



53AB7F



AB537F

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.



DE7E92



53AB7F



AB8DD2

Square

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



53AB7F



24A5DC



CF82B5



C68F59

Rectangle

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



53AB7F



00ACBB



CF82B5



DD817B

Sweetspot

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



53AB7F



BDDECD



7FAB53



5C7066



F0F0F0



707070

Same Dimension

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



53AB7F



54DE99



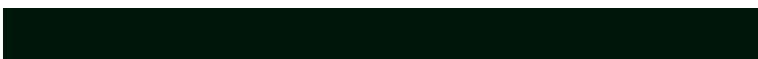
53ABAB



4E5752



00964B



00170B

Inverse Universe

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



AB537F



DE5499



AB5353



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color 53AB7F looks on a white background.

Color Contrast Check

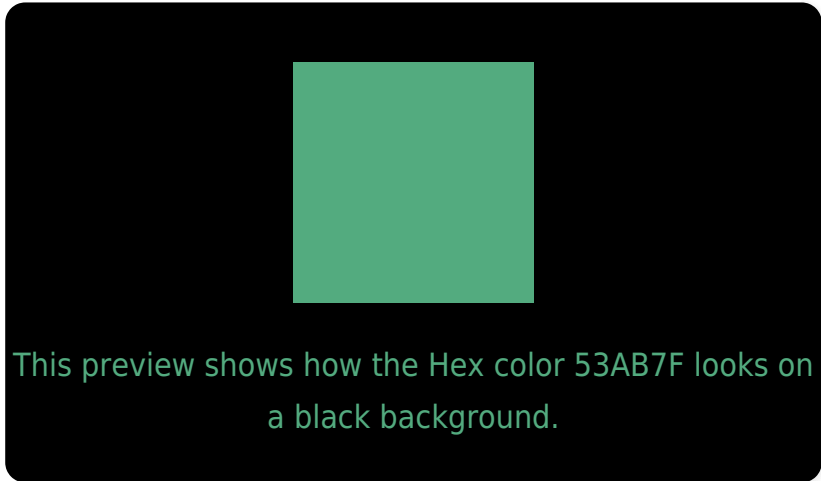
Large Text (above 18pt) WCAG AA × Fail

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

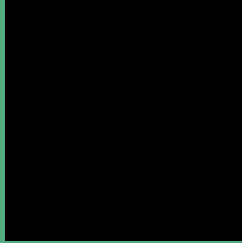
Any Text WCAG AA ✓ Pass

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 53AB7F Background



This preview shows how black text looks on a background with the Hex color 53AB7F.

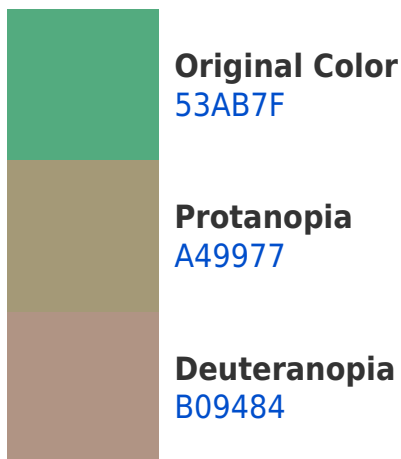


This preview shows how white text looks on a background with the Hex color 53AB7F.

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](#).

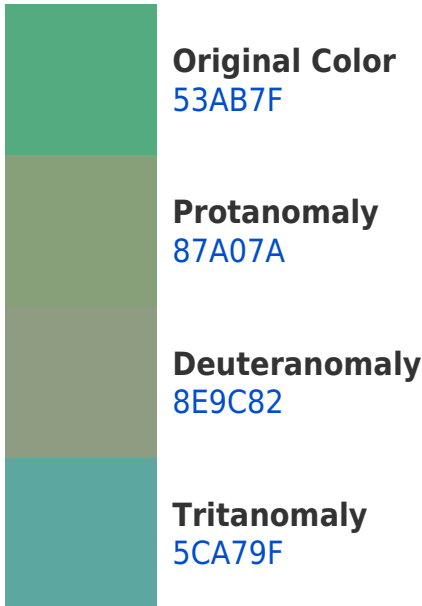
Dichromacy





Tritanopia
61A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AB7F 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 #53AB7F looks like.

```
.text, #text, p{  
  color:#53AB7F  
}
```

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 #53AB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AB7F
}
```

Border

The CSS property to change the border of an element to Hex 53AB7F 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
#53AB7F }
```

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

```
.border{ border-color:#53AB7F }
```

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

Here you see how a box with a 4 pixel #53AB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AB7F; -webkit-box-shadow:4px 4px  
4px 4px #53AB7F; box-shadow:4px 4px 4px  
4px #53AB7F }
```

Background

The CSS property to change the background color of an element to Hex 53AB7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AB7F }
```

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

```
.background{ background-color:#53AB7F }
```

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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