

Converting Colors

Hex(53ADA4)

Have a look what the booklet for
Hex(53ADA4) contains.

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Color

Hex(53ADA4)

Conversions

Conversions Part 1

Format	Color
Hex	53ADA4
RGB	83, 173, 164
RGB Percent	33%, 68%, 64%
CMY	0.6745, 0.3216, 0.3569
CMYK	0.52, 0.00, 0.05, 0.32
HSL	174°, 35%, 50%
HSV	174°, 52%, 68%
XYZ	25.2117, 34.4065, 40.4343
YIQ	145.0640, -50.7510, -21.8790

Conversions

Conversions Part 2

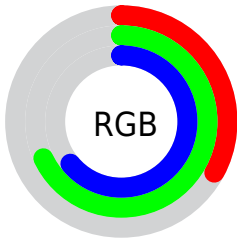
Format	Color
R_{YB}	83, 130, 173
Decimal	5483940
CIE _{Lab}	65.28, -29.10, -3.61
CIE _{LCh}	65, 29.324, 187.074
Yxy	34.4065, 0.2520, 0.3439
Android (android.graphics.Color)	4283674020 (0xFF53ADA4)
YUV	145.0640, 9.3354, -54.4301
Hunter-Lab	58.6570, -25.9278, 0.1893

Details

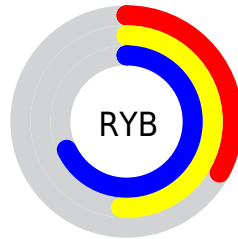
The Hex color **53ADA4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD535C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8BE5DB**, and **0F7870** is the 20% darker color. If you saturate the color by 10%, you get **42ADA2**, and if you desaturate by 10%, it is **64ADA6**.

Distribution



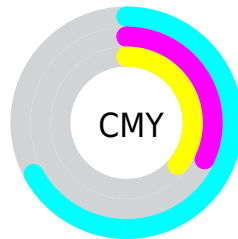
- Red (33%)
- Green (68%)
- Blue (64%)



- Red (33%)
- Yellow (51%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53ADA4 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 53ADA4 by changing the saturation by 10% instead.

 53ADA4

 53ADA4

FFFFFF

 35928A

 8BE5DB

 0F7870

 A8FFF7

 005F58

 C4FFFF

 004741

 E2FFFF

 00302B

 001C16

 000000

 53ADA4

 53ADA4

 42ADA2

 64ADA6

 30ADA1

 76ADA7

 1FAD9F

 87ADA9

 0EAD9D

 98ADAB

 00AD9C

 AAADAD

 BBADAE

 CCADB0

 DDADB2

 EFADB4

Harmonies

Analogous

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



6FAB89



53ADA4



48ACBD

Triad

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



53ADA4



AA96C8



C2966F

Complementary

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



53ADA4



AD535C

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.



D08E80



53ADA4



C58EB3

Square

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



53ADA4



859FD2



D28B99



AB9F6A

Rectangle

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



53ADA4



54A9CA



D28B99



C89373

Sweetspot

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



53ADA4



BCE0DD



5CAD53



5B706E



F0F0F0



707070

Same Dimension

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



53ADA4



55E0D2



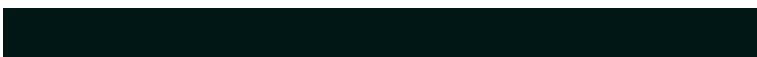
5389AD



4E5756



009687



001715

Inverse Universe

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



AD535C



E05563



AD7753



574E4F



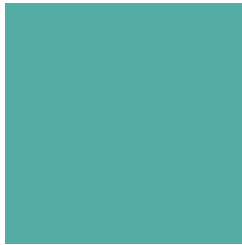
96000F



170002

Previews

White Background



This preview shows how the Hex color 53ADA4 looks on a white background.

Color Contrast Check

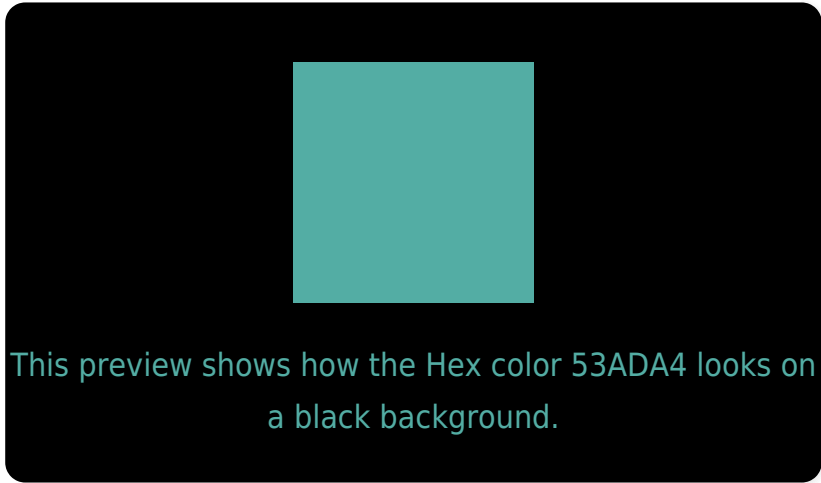
Large Text (above 18pt) WCAG AA × Fail

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

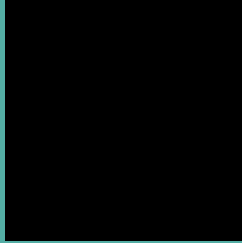
Any Text WCAG AA ✓ Pass

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 53ADA4 Background



This preview shows how black text looks on a background with the Hex color 53ADA4.

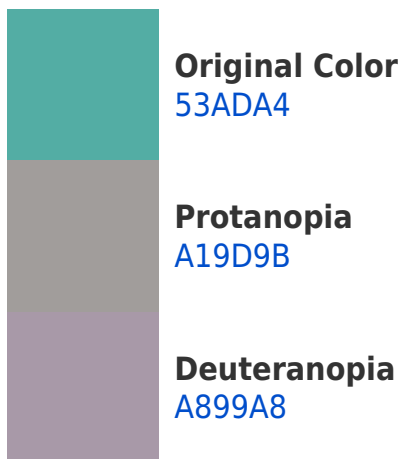


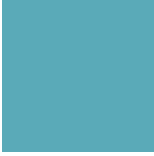
This preview shows how white text looks on a background with the Hex color 53ADA4.

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](#).

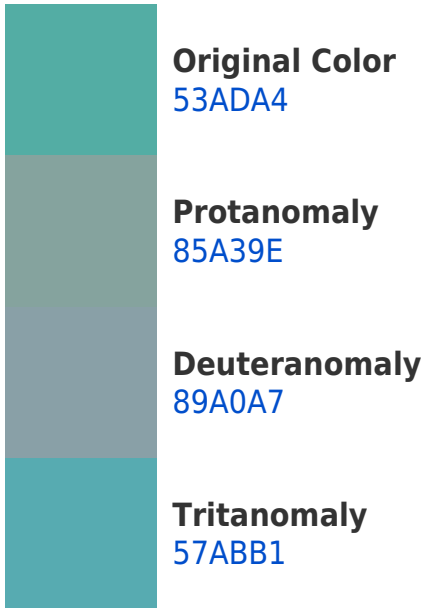
Dichromacy



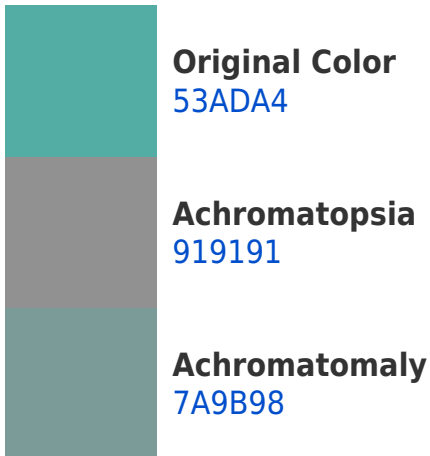


Tritanopia
5AAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53ADA4 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 #53ADA4 looks like.

```
.text, #text, p{  
    color:#53ADA4  
}
```

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 #53ADA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53ADA4
}
```

Border

The CSS property to change the border of an element to Hex 53ADA4 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
#53ADA4 }
```

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

```
.border{ border-color:#53ADA4 }
```

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

Here you see how a box with a 4 pixel #53ADA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53ADA4; -webkit-box-shadow:4px 4px  
4px 4px #53ADA4; box-shadow:4px 4px 4px  
4px #53ADA4 }
```

Background

The CSS property to change the background color of an element to Hex 53ADA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53ADA4 }
```

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

```
.background{ background-color:#53ADA4 }
```

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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