

Converting Colors

Hex(53AC98)

Have a look what the booklet for
Hex(53AC98) contains.

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Color

Hex(53AC98)

Conversions

Conversions Part 1

Format	Color
Hex	53AC98
RGB	83, 172, 152
RGB Percent	33%, 67%, 60%
CMY	0.6745, 0.3255, 0.4039
CMYK	0.52, 0.00, 0.12, 0.33
HSL	167°, 35%, 50%
HSV	167°, 52%, 67%
XYZ	23.9873, 33.6110, 34.9291
YIQ	143.1090, -46.6240, -25.0880

Conversions

Conversions Part 2

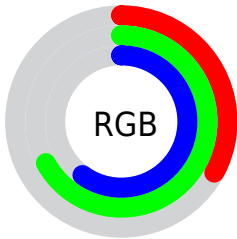
Format	Color
RYB	83, 133, 172
Decimal	5483672
CIELab	64.65, -31.67, 2.15
CIElCh	65, 31.740, 176.125
Yxy	33.6110, 0.2592, 0.3633
Android (android.graphics.Color)	4283673752 (0xFF53AC98)
YUV	143.1090, 4.3833, -52.7156
Hunter-Lab	57.9750, -27.6015, 4.8612

Details

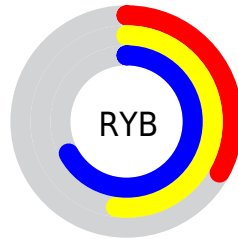
The Hex color **53AC98** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5367**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BE4CE**, and **127765** is the 20% darker color. If you saturate the color by 10%, you get **42AC94**, and if you desaturate by 10%, it is **64AC9C**.

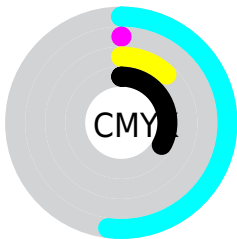
Distribution



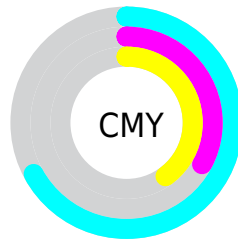
- Red (33%)
- Green (67%)
- Blue (60%)



- Red (33%)
- Yellow (52%)
- Blue (67%)



- Cyan (52%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (67%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AC98 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 53AC98 by changing the saturation by 10% instead.

 53AC98

 53AC98

FFFFFF

 36917E

 8BE4CE

 127765

 A7FFEA

 005E4D

 C3FFFF

 004637

 E1FFFF

 002F21

FEFFFF

 00190B

 000000

 53AC98

 53AC98

 42AC94

 64AC9C

 31AC90

 75ACA0

 1FAC8C

 87ACA4

 0EAC89

 98ACA7

 00AC85

 A9ACAB

 BAACAF

 CBACB3

 DDACB7

 EEACBB

Harmonies

Analogous

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



75A97C



53AC98



39ACB5

Triad

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



53AC98



9B97D0



CA906F

Complementary

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



53AC98



AC5367

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.



D48985



53AC98



BD8DBD

Square

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



53AC98



70A1D5



D188A2



B49A64

Rectangle

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



53AC98



3DAAC5



D188A2



CF8D75

Sweetspot

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



53AC98



BCE0D8



68AC53



5B706B



F0F0F0



707070

Same Dimension

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



53AC98



55E0C1



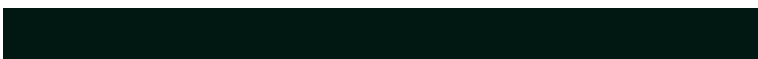
5394AC



4E5755



009675



001712

Inverse Universe

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



AC5367



E05575



AC6B53



574E50



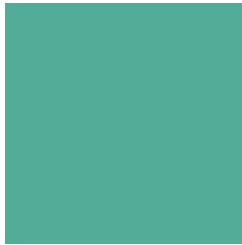
960022



170005

Previews

White Background



This preview shows how the Hex color 53AC98 looks on a white background.

Color Contrast Check

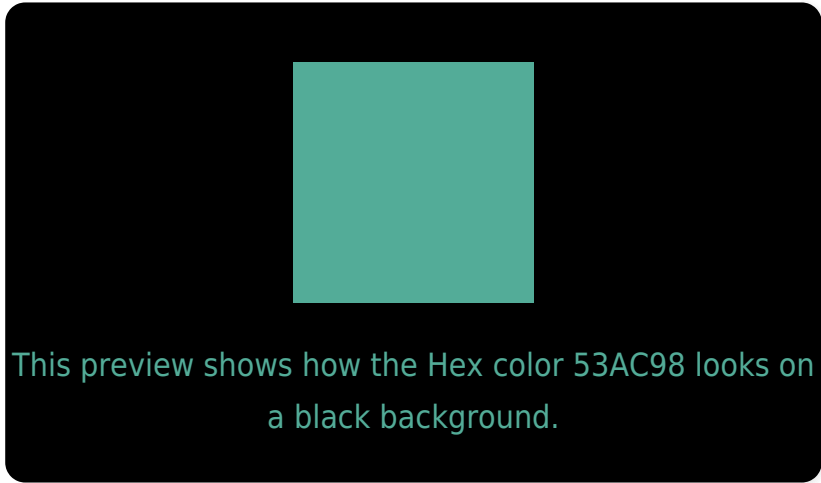
Large Text (above 18pt) WCAG AA × Fail

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

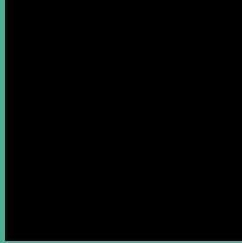
Any Text WCAG AA ✓ Pass

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 53AC98 Background



This preview shows how black text looks on a background with the Hex color 53AC98.

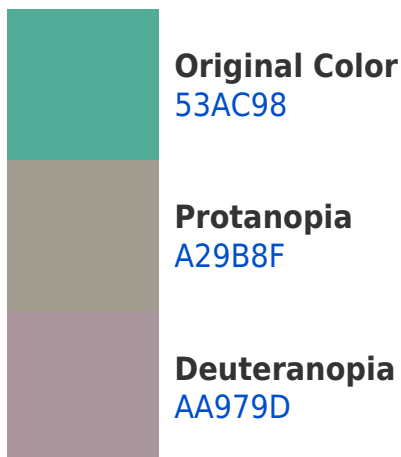


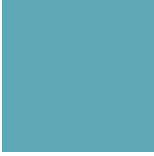
This preview shows how white text looks on a background with the Hex color 53AC98.

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](#).

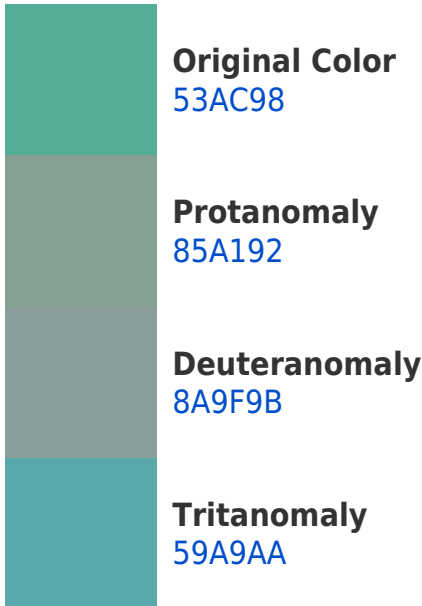
Dichromacy



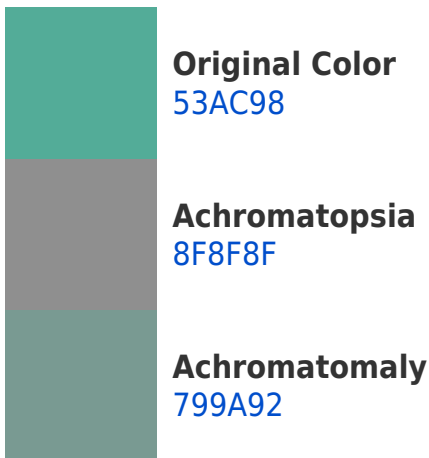


Tritanopia
5CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AC98 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 #53AC98 looks like.

```
.text, #text, p{  
    color:#53AC98  
}
```

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 #53AC98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AC98
}
```

Border

The CSS property to change the border of an element to Hex 53AC98 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
#53AC98 }
```

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

```
.border{ border-color:#53AC98 }
```

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

Here you see how a box with a 4 pixel #53AC98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AC98; -webkit-box-shadow:4px 4px  
4px 4px #53AC98; box-shadow:4px 4px 4px  
4px #53AC98 }
```

Background

The CSS property to change the background color of an element to Hex 53AC98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AC98 }
```

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

```
.background{ background-color:#53AC98 }
```

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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