

# Converting Colors

Hex(53AC99)

Have a look what the booklet for  
Hex(53AC99) contains.

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**Color**

**Hex(53AC99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53AC99
RGB	83, 172, 153
RGB Percent	33%, 67%, 60%
CMY	0.6745, 0.3255, 0.4000
CMYK	0.52, 0.00, 0.11, 0.33
HSL	167°, 35%, 50%
HSV	167°, 52%, 67%
XYZ	24.0696, 33.6440, 35.3623
YIQ	143.2230, -46.9450, -24.7770

# Conversions

## Conversions Part 2

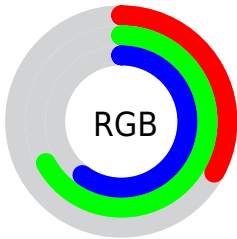
Format	Color
<a href="#">RYB</a>	<a href="#">83, 133, 172</a>
Decimal	<a href="#">5483673</a>
CIELab	<a href="#">64.68, -31.42, 1.63</a>
CIElCh	<a href="#">65, 31.462, 177.036</a>
Yxy	<a href="#">33.6440, 0.2586, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4283673753 (0xFF53AC99)</a>
YUV	<a href="#">143.2230, 4.8201, -52.8156</a>
Hunter-Lab	<a href="#">58.0034, -27.4341, 4.4557</a>

# Details

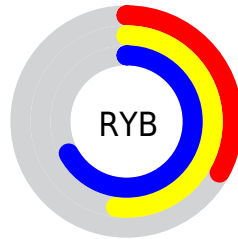
The Hex color **53AC99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5366**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BE4CF**, and **127766** is the 20% darker color. If you saturate the color by 10%, you get **42AC95**, and if you desaturate by 10%, it is **64AC9D**.

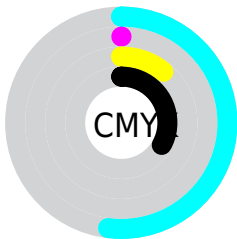
# Distribution



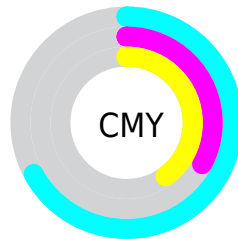
- Red (33%)
- Green (67%)
- Blue (60%)



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



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 53AC99 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 53AC99 by changing the saturation by 10% instead.



 53AC99

 53AC99

FFFFFF

 36917F

 8BE4CF

 127766

 A7FFEB

 005E4E

 C4FFFF

 004637

 E1FFFF

 002F22

FEFFFF

 00190C

 000000

 53AC99

 53AC99

 42AC95

 64AC9D

 31AC92

 75ACA0

 1FAC8E

 87ACA4

 0EAC8A

 98ACA8

 00AC87

 A9ACAB

 BAACAF

 CBACB3

 DDACB6

 EEACBA

# Harmonies

## Analogous

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



75A97D



53AC99



3BACB5

# Triad

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



53AC99



9D97CF



C9916F

# Complementary

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



53AC99



AC5366

# 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



53AC99



BE8DBC

# Square

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



53AC99



72A0D5



D188A1



B39A65

# Rectangle

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



53AC99



3FA9C5



D188A1



CE8E75



# Sweetspot

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



53AC99



BCE0D9



66AC53



5B706C



F0F0F0



707070



# Same Dimension

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



53AC99



55E0C3



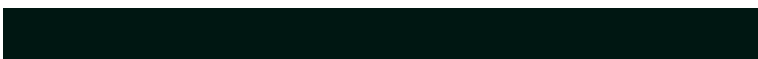
5393AC



4E5755



009676



001712



# Inverse Universe

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



AC5366



E05573



AC6C53



574E50



960020

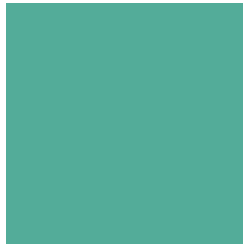


170005



# Previews

## White Background



This preview shows how the Hex color 53AC99 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



This preview shows how the Hex color 53AC99 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

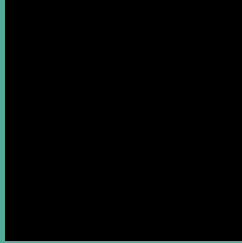
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53AC99 Background



This preview shows how black text looks on a background with the Hex color 53AC99.

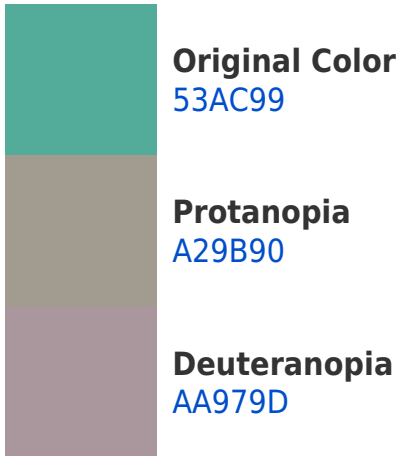


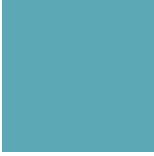
This preview shows how white text looks on a background with the Hex color 53AC99.

# 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](#).

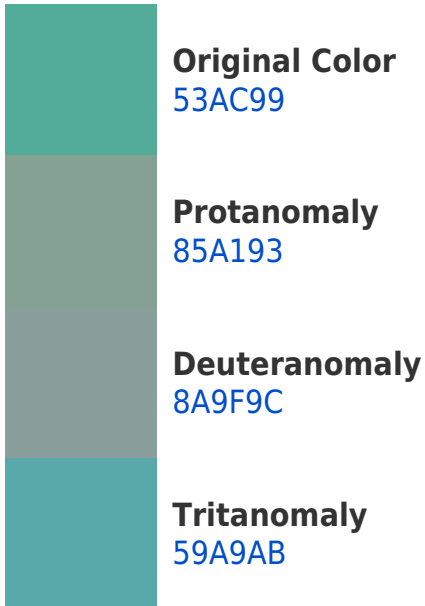
## Dichromacy



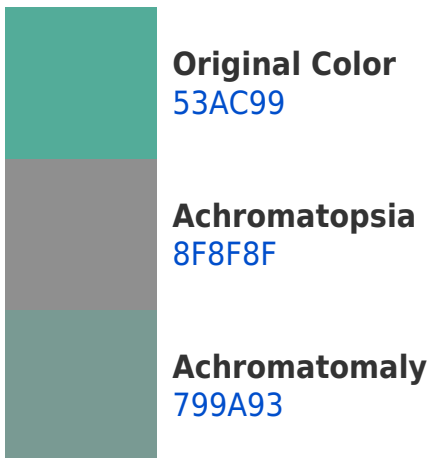


**Tritanopia**  
5CA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53AC99 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 #53AC99 looks like.

```
.text, #text, p{  
    color:#53AC99  
}
```

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 #53AC99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AC99
}
```

## Border

The CSS property to change the border of an element to Hex 53AC99 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
#53AC99 }
```

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

```
.border{ border-color:#53AC99 }
```

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

Here you see how a box with a 4 pixel #53AC99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AC99; -webkit-box-shadow:4px 4px  
4px 4px #53AC99; box-shadow:4px 4px 4px  
4px #53AC99 }
```

# Background

The CSS property to change the background color of an element to Hex 53AC99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AC99 }
```

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

```
.background{ background-color:#53AC99 }
```

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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