

Converting Colors

Hex(53ACAC)

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

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Color

Hex(53ACAC)

Conversions

Conversions Part 1

Format	Color
Hex	53ACAC
RGB	83, 172, 172
RGB Percent	33%, 67%, 67%
CMY	0.6745, 0.3255, 0.3255
CMYK	0.52, 0.00, 0.00, 0.33
HSL	180°, 35%, 50%
HSV	180°, 52%, 67%
XYZ	25.7662, 34.3226, 44.2966
YIQ	145.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

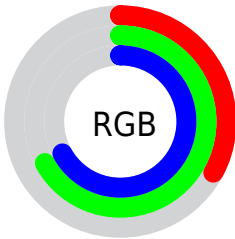
Format	Color
RYB	83, 128, 172
Decimal	5483692
CIELab	65.22, -26.48, -8.16
CIELCh	65, 27.708, 197.137
Yxy	34.3226, 0.2468, 0.3288
Android (android.graphics.Color)	4283673772 (0xFF53ACAC)
YUV	145.3890, 13.1192, -54.7152
Hunter-Lab	58.5855, -24.0194, -3.8195

Details

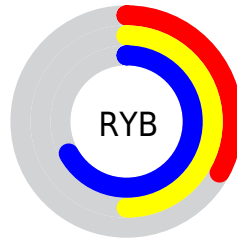
The Hex color **53ACAC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5353**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8CE4E3**, and **0D7778** is the 20% darker color. If you saturate the color by 10%, you get **42ACAC**, and if you desaturate by 10%, it is **64ACAC**.

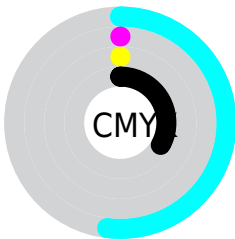
Distribution



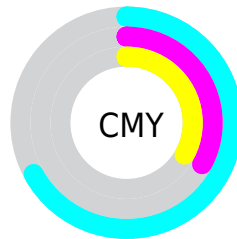
- Red (33%)
- Green (67%)
- Blue (67%)



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



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



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

Brightness & Saturation Gradients

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

 53ACAC

 53ACAC

FFFFFF

 359191

 8CE4E3

 0D7778

 A8FFFF

 005E5F

 C5FFFF

 004647

 E2FFFF

 002F31

 001C1C

 000000

 53ACAC

 53ACAC

 42ACAC

 64ACAC

31ACAC

75ACAC

1FACAC

87ACAC

0EACAC

98ACAC

00ACAC

A9ACAC

BAACAC

CBACAC

DDACAC

EEACAC

Harmonies

Analogous

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



69AB92



53ACAC



54AAC2

Triad

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



53ACAC



B393C0



BA996E

Complementary

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



53ACAC



AC5353

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.



CA917B



53ACAC



C98DAA

Square

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



53ACAC



939CCD



D08C91



A1A16F

Rectangle

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



53ACAC



64A6CB



D08C91



C09671

Sweetspot

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



53ACAC



BCE0E0



53AC53



5B7070



F0F0F0



707070

Same Dimension

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



53ACAC



55E0E0



5380AC



4E5757



009696



001717

Inverse Universe

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



AC53AC



E055E0



AC8053



574E57



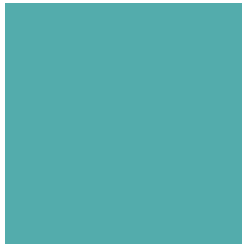
960096



170017

Previews

White Background



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

Color Contrast Check

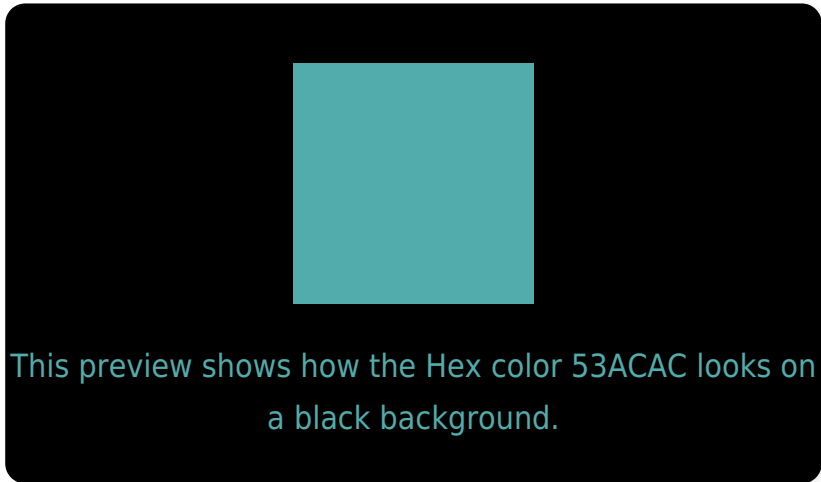
Large Text (above 18pt) WCAG AA × Fail

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 53ACAC Background



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

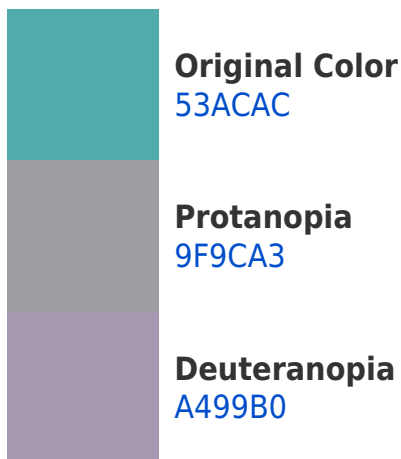


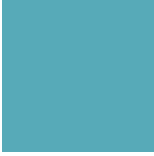
This preview shows how white text looks on a background with the Hex color 53ACAC.

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](#).

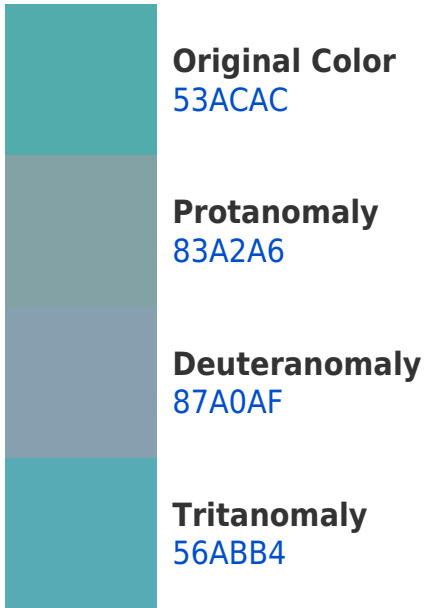
Dichromacy



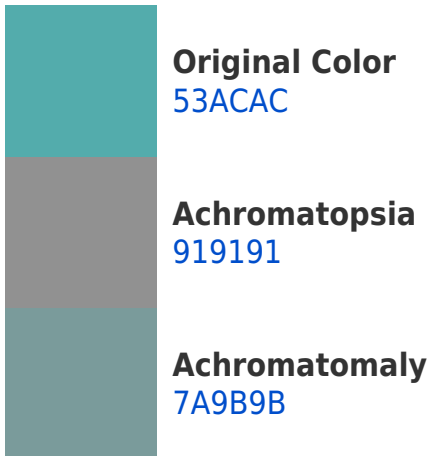


Tritanopia
57AAB8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #53ACAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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