

Converting Colors

Hex(54AC89)

Have a look what the booklet for
Hex(54AC89) contains.

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Color

Hex(54AC89)

Conversions

Conversions Part 1

Format	Color
Hex	54AC89
RGB	84, 172, 137
RGB Percent	33%, 67%, 54%
CMY	0.6706, 0.3255, 0.4627
CMYK	0.51, 0.00, 0.20, 0.33
HSL	156°, 35%, 50%
HSV	156°, 51%, 67%
XYZ	22.9240, 33.1960, 28.8662
YIQ	141.6980, -41.2130, -29.5410

Conversions

Conversions Part 2

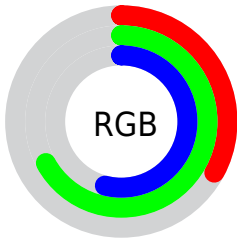
Format	Color
RYB	84, 139, 172
Decimal	5549193
CIELab	64.32, -34.97, 10.00
CIELCh	64, 36.371, 164.041
Yxy	33.1960, 0.2697, 0.3906
Android (android.graphics.Color)	4283739273 (0xFF54AC89)
YUV	141.6980, -2.3161, -50.6011
Hunter-Lab	57.6160, -29.8070, 10.6263

Details

The Hex color **54AC89** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC5477**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8BE4BE**, and **167757** is the 20% darker color. If you saturate the color by 10%, you get **43AC82**, and if you desaturate by 10%, it is **65AC90**.

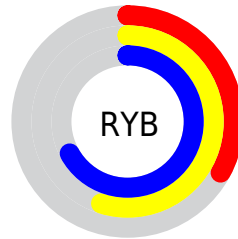
Distribution



Red (33%)

Green (67%)

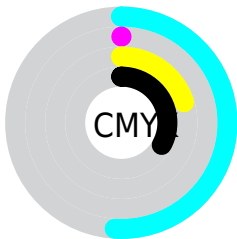
Blue (54%)



Red (33%)

Yellow (55%)

Blue (67%)

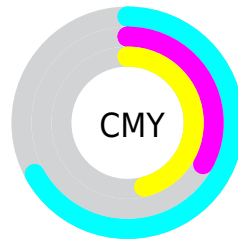


Cyan (51%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (67%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54AC89 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 54AC89 by changing the saturation by 10% instead.

 54AC89

 54AC89

FFFFFF

 389170

 8BE4BE

 167757

 A7FFDA

 005E40

 C4FFF7

 00452A

 E1FFFF

 002E15

FEFFFF

 001800

 000000

 54AC89

 54AC89

 43AC82

 65AC90

■ 32AC7B

■ 76AC97

■ 20AC74

■ 88AC9E

■ 0FAC6E

■ 99ACA4

■ 00AC68

■ AAACAB

■ BBACB2

■ CCACB9

■ DEACC0

■ EFACC7

Harmonies

Analogous

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



7EA76C



54AC89



1FADAB

Triad

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



54AC89



859ADB



D58970

Complementary

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



54AC89



AC5477

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.



DB838E



54AC89



B38ECB

Square

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



54AC89



4CA4DA



D085AF



C0945E

Rectangle

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



54AC89



00ACBF



D085AF



D98679

Sweetspot

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



54AC89



BFE0D3



77AC54



5C7068



F0F0F0



707070

Same Dimension

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



54AC89



58E0AA



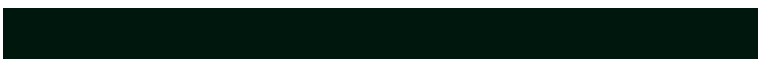
54A3AC



4E5753



00965B



00170E

Inverse Universe

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



AC5477



E0588E



AC5D54



574E51



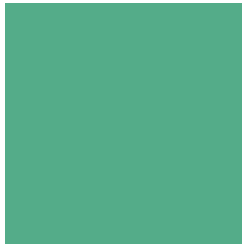
96003C



170009

Previews

White Background



This preview shows how the Hex color 54AC89 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

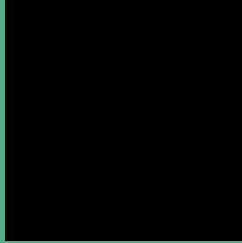
Any Text WCAG AA ✓ Pass

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 54AC89 Background



This preview shows how black text looks on a background with the Hex color 54AC89.

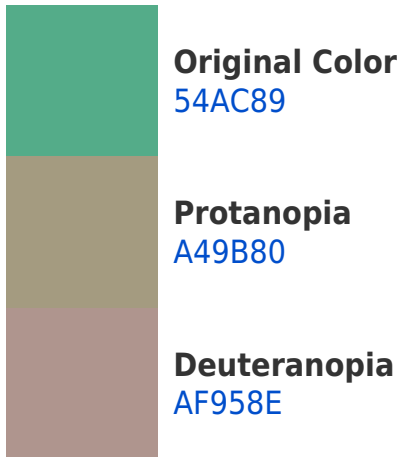


This preview shows how white text looks on a background with the Hex color 54AC89.

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](#).

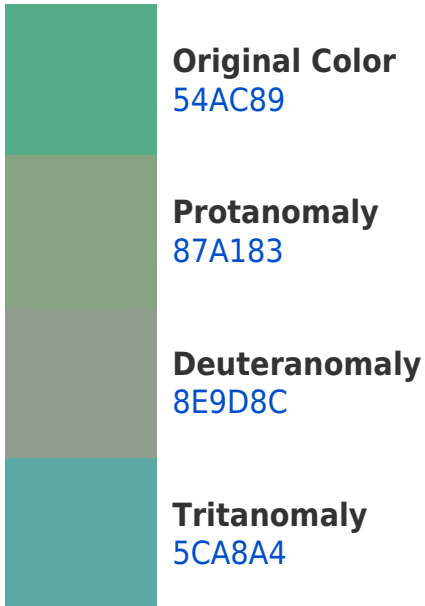
Dichromacy





Tritanopia
60A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54AC89 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 #54AC89 looks like.

```
.text, #text, p{  
    color:#54AC89  
}
```

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 #54AC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54AC89
}
```

Border

The CSS property to change the border of an element to Hex 54AC89 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
#54AC89 }
```

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

```
.border{ border-color:#54AC89 }
```

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

Here you see how a box with a 4 pixel #54AC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54AC89; -webkit-box-shadow:4px 4px  
4px 4px #54AC89; box-shadow:4px 4px 4px  
4px #54AC89 }
```

Background

The CSS property to change the background color of an element to Hex 54AC89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54AC89 }
```

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

```
.background{ background-color:#54AC89 }
```

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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