

# Converting Colors

Hex(54AACC)

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

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**Color**

**Hex(54AACC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54AACC
RGB	84, 170, 204
RGB Percent	33%, 67%, 80%
CMY	0.6706, 0.3333, 0.2000
CMYK	0.59, 0.17, 0.00, 0.20
HSL	197°, 54%, 56%
HSV	197°, 59%, 80%
XYZ	28.9300, 34.9939, 62.3565
YIQ	148.1620, -62.1700, -7.6580

# Conversions

## Conversions Part 2

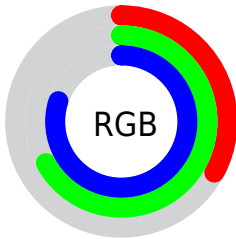
Format	Color
R <sub>Y</sub> B	84, 134, 204
Decimal	5548748
CIE Lab	65.74, -16.01, -25.15
CIE LCh	66, 29.813, 237.522
Yxy	34.9939, 0.2291, 0.2771
Android (android.graphics.Color)	4283738828 (0xFF54AACC)
YUV	148.1620, 27.5281, -56.2701
Hunter-Lab	59.1556, -16.2273, -21.0891

# Details

The Hex color **54AACC** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CC7654**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8FE1FF**, and **007696** is the 20% darker color. If you saturate the color by 10%, you get **40A4CC**, and if you desaturate by 10%, it is **68B0CC**.

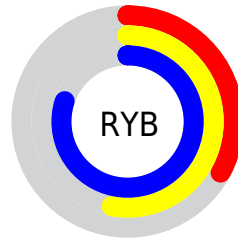
# Distribution



Red (33%)

Green (67%)

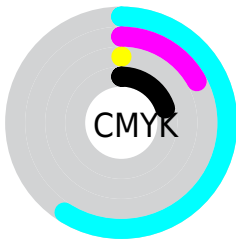
Blue (80%)



Red (33%)

Yellow (53%)

Blue (80%)

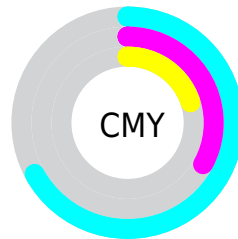


Cyan (59%)

Magenta (17%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (33%)

Yellow (20%)

# Brightness & Saturation Gradients

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



■ 54AACC

■ 54AACC

FFFFFF

■ 348FB0

■ 8FE1FF

■ 007696

■ ACFEFF

■ 005D7C

■ C9FFFF

■ 004563

■ E7FFFF

■ 002F4B

■ 001B34

■ 00021F

■ 000001

■ 000000

■ 54AACC

■ 54AACC

■ 40A4CC

■ 68B0CC

■ 2B9ECC

■ 7DB6CC

■ 1799CC

■ 91BBCC

■ 0293CC

■ A6C1CC

■ 0092CC

■ BAC7CC

■ CECDCC

■ E3D2CC

■ F7D8CC

■ FFDECC

# Harmonies

## Analogous

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



47AEB7



54AACC



79A3D5

# Triad

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



54AACC



D28CA3



99A670

# Complementary

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



54AACC



CC7654

# 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.



B49D6A



54AACC



D48D88

# Square

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



54AACC



C091BD



CA9474



79AB82

# Rectangle

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



54AACC



949DD2



CA9474



A2A36C

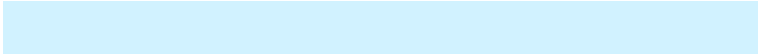


# Sweetspot

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



54AACC



D1F2FF



54CC76



637880



000000



808080



# Same Dimension

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



54AACC



4ACCFE



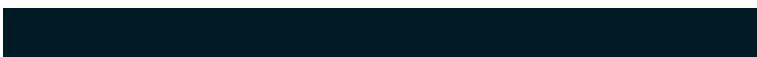
546ECC



5C6366



0077A6



001B26



# Inverse Universe

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



CC54AA



FF4ACC



CCB254



665C63



A60077



26001B



# Previews

## White Background



This preview shows how the Hex color 54AACC looks on a white background.

## Color Contrast Check

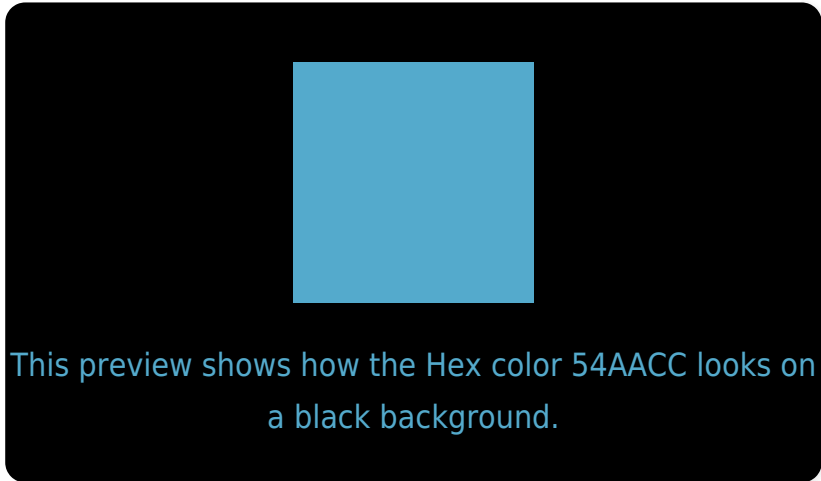
Large Text (above 18pt) WCAG AA × Fail

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

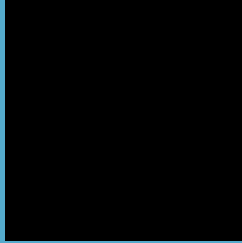
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54AACC Background



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

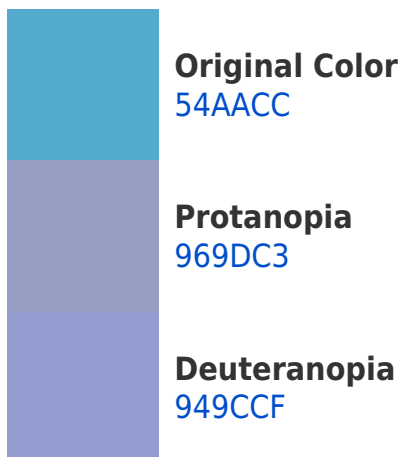


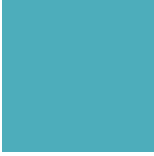
This preview shows how white text looks on a background with the Hex color 54AACC.

# Color Blindness Simulation

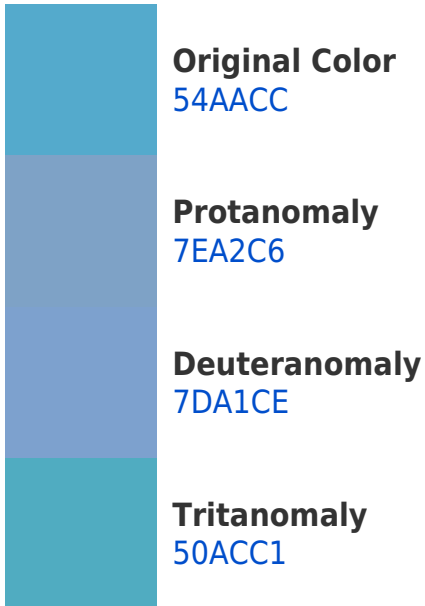
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

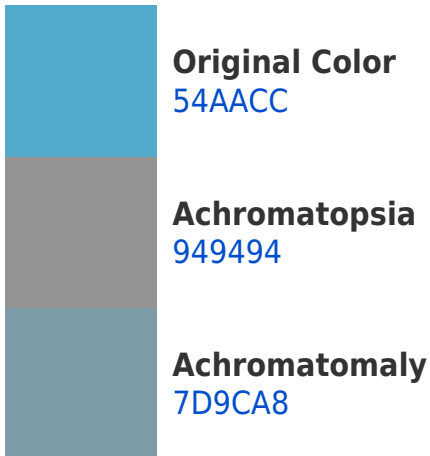




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #54AACC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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