

# Converting Colors

Hex(549FBB)

Have a look what the booklet for  
Hex(549FBB) contains.

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# Color

**Hex(549FBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	549FBB
RGB	84, 159, 187
RGB Percent	33%, 62%, 73%
CMY	0.6706, 0.3765, 0.2667
CMYK	0.55, 0.15, 0.00, 0.27
HSL	196°, 43%, 53%
HSV	196°, 55%, 73%
XYZ	25.0239, 30.2689, 51.5373
YIQ	139.7670, -53.6880, -7.1920

# Conversions

## Conversions Part 2

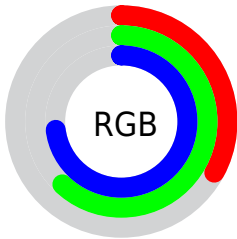
Format	Color
<b>RYB</b>	84, 127, 187
Decimal	5545915
CIELab	61.89, -15.25, -21.58
CIElCh	62, 26.426, 234.748
Yxy	30.2689, 0.2342, 0.2833
Android (android.graphics.Color)	4283735995 (0xFF549FBB)
YUV	139.7670, 23.2859, -48.9077
Hunter-Lab	55.0172, -15.0915, -17.0278

# Details

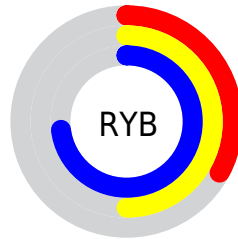
The Hex color **549FBB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB7054**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DD6F3**, and **0E6B86** is the 20% darker color. If you saturate the color by 10%, you get **419ABB**, and if you desaturate by 10%, it is **67A4BB**.

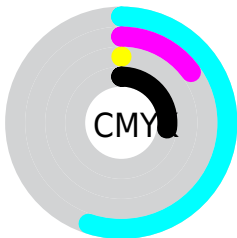
# Distribution



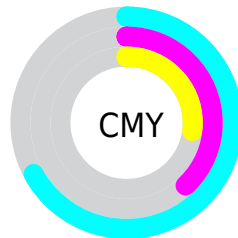
- Red (33%)
- Green (62%)
- Blue (73%)



- Red (33%)
- Yellow (50%)
- Blue (73%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (38%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549FBB 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 549FBB by changing the saturation by 10% instead.



■ 549FBB

■ 549FBB

FFFFFF

■ 3685A0

■ 8DD6F3

■ 0E6B86

■ A9F2FF

■ 00536C

■ C6FFFF

■ 003C54

■ E3FFFF

■ 00263D

■ 000F27

■ 000111

■ 000000

■ 549FBB

■ 549FBB

■ 419ABB

■ 67A4BB

■ 2F95BB

■ 79A9BB

■ 1C90BB

■ 8CAEBB

■ 098BBB

■ 9FB3BB

■ 0088BB

■ B2B8BB

■ C4BEBB

■ D7C3BB

■ EAC8BB

■ FCCDBB

# Harmonies

## Analogous

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



4CA2A8



549FBB



7199C4

# Triad

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



549FBB



C1859B



929A6B

# Complementary

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



549FBB



BB7054

# 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.



AA9367



549FBB



C48583

# Square

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



549FBB



B089B1



BC8B70



779F7A

# Rectangle

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



549FBB



8894C3



BC8B70



9A9868



# Sweetspot

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



549FBB



C9E7F2



54BB6F



62747A



FAFAFA



7A7A7A



# Same Dimension

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



549FBB



52C7F2



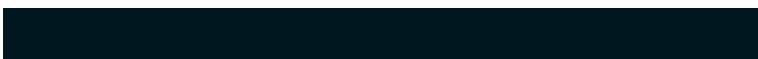
546CBB



555C5E



00739E



00161F



# Inverse Universe

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



BB549F



F252C7



BBA354



5E555C



9E0073

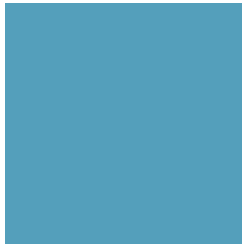


1F0016



# Previews

## White Background



This preview shows how the Hex color 549FBB looks on a white background.

## Color Contrast Check

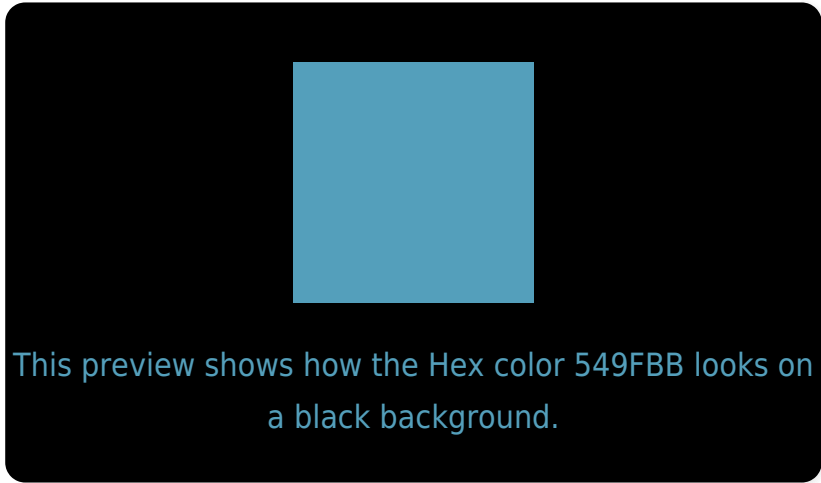
Large Text (above 18pt) WCAG AA × Fail

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

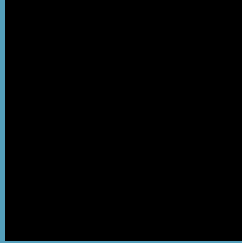
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 549FBB Background



This preview shows how black text looks on a background with the Hex color 549FBB.



This preview shows how white text looks on a background with the Hex color 549FBB.

# 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](#).

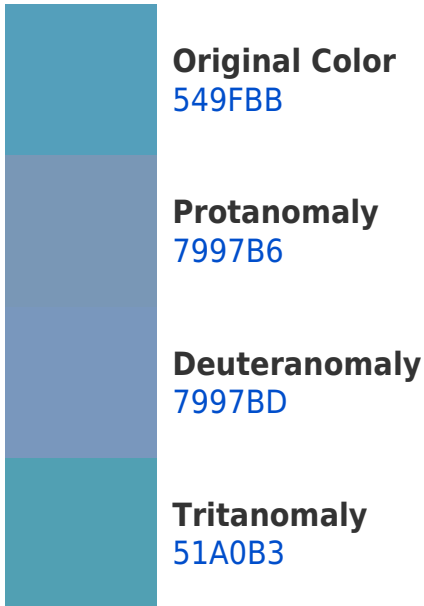
## Dichromacy



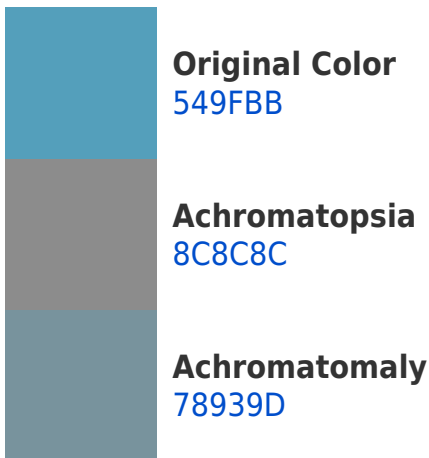


**Tritanopia**  
4FA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549FBB 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 #549FBB looks like.

```
.text, #text, p{  
    color:#549FBB  
}
```

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 #549FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549FBB
}
```

## Border

The CSS property to change the border of an element to Hex 549FBB 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
#549FBB }
```

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

```
.border{ border-color:#549FBB }
```

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

Here you see how a box with a 4 pixel #549FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549FBB; -webkit-box-shadow:4px 4px  
4px 4px #549FBB; box-shadow:4px 4px 4px  
4px #549FBB }
```

# Background

The CSS property to change the background color of an element to Hex 549FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549FBB }
```

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

```
.background{ background-color:#549FBB }
```

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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