

# Converting Colors

Hex(4F9FC6)

Have a look what the booklet for  
Hex(4F9FC6) contains.

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# Color

**Hex(4F9FC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F9FC6
RGB	79, 159, 198
RGB Percent	31%, 62%, 78%
CMY	0.6902, 0.3765, 0.2235
CMYK	0.60, 0.20, 0.00, 0.22
HSL	200°, 51%, 54%
HSV	200°, 60%, 78%
XYZ	25.8156, 30.5358, 57.9594
YIQ	139.5260, -60.1990, -4.8310

# Conversions

## Conversions Part 2

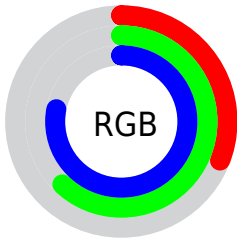
Format	Color
R <sub>Y</sub> B	79, 127, 198
Decimal	5218246
CIE Lab	62.11, -12.89, -27.41
CIE LCh	62, 30.290, 244.811
Yxy	30.5358, 0.2258, 0.2671
Android (android.graphics.Color)	4283408326 (0xFF4F9FC6)
YUV	139.5260, 28.8277, -53.0813
Hunter-Lab	55.2592, -13.3130, -23.5058

# Details

The Hex color **4F9FC6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C6764F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8AD6FF**, and **006C90** is the 20% darker color. If you saturate the color by 10%, you get **3B99C6**, and if you desaturate by 10%, it is **63A5C6**.

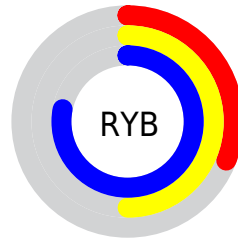
# Distribution



Red (31%)

Green (62%)

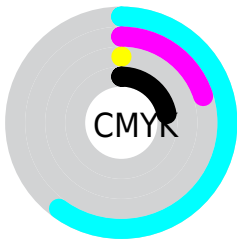
Blue (78%)



Red (31%)

Yellow (50%)

Blue (78%)

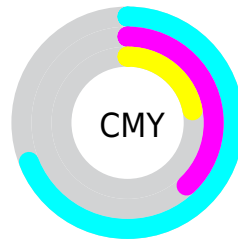


Cyan (60%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (69%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9FC6 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 4F9FC6 by changing the saturation by 10% instead.



■ 4F9FC6

■ 4F9FC6

FFFFFF

■ 2E85AB

■ 8AD6FF

■ 006C90

■ A7F2FF

■ 005376

■ C4FFFF

■ 003C5D

■ E1FFFF

■ 002646

■ 00112F

■ 00011A

■ 000000

■ 4F9FC6

■ 4F9FC6

■ 3B99C6

■ 63A5C6

■ 2792C6

■ 77ACC6

■ 148CC6

■ 8AB2C6

■ 0085C6

■ 9EB9C6

■ B2BFC6

■ C6C6C6

■ DACCC6

■ EDD3C6

■ FFD9C6

# Harmonies

## Analogous

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



38A4B4



4F9FC6



7897CB

# Triad

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



4F9FC6



CA8293



879E69

# Complementary

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



4F9FC6



C6764F

# 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.



A49660



4F9FC6



C98579

# Square

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



4F9FC6



BC85AD



BB8D66



68A37E

# Rectangle

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



4F9FC6



9391C7



BB8D66



919B65

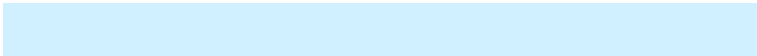


# Sweetspot

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



4F9FC6



D1F0FF



4FC675



637680



000000



808080



# Same Dimension

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



4F9FC6



47C3FF



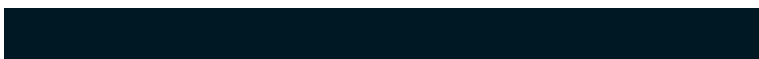
4F65C6



5A6063



006EA3



001824



# Inverse Universe

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



C64F9F



FF47C3



C6B04F



635A60



A3006E



240018



# Previews

## White Background



This preview shows how the Hex color 4F9FC6 looks on a white background.

## Color Contrast Check

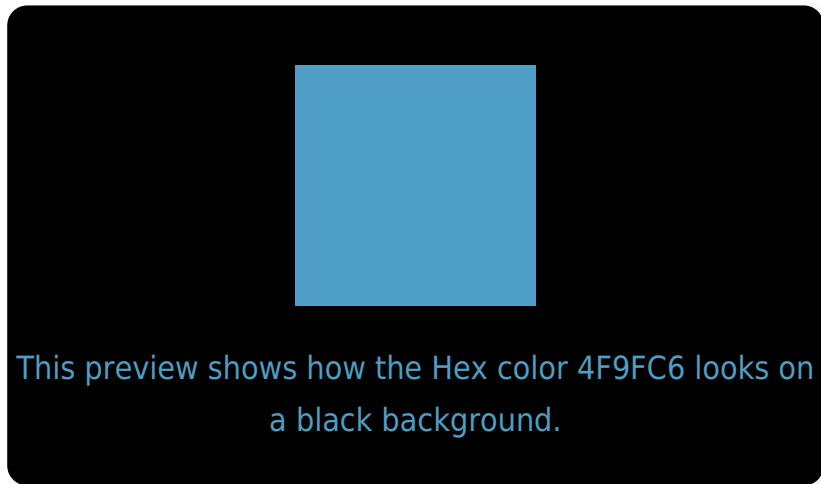
Large Text (above 18pt) WCAG AA × Fail

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

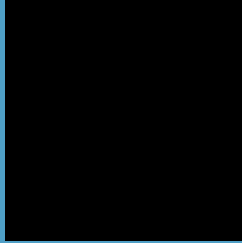
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4F9FC6 Background



This preview shows how black text looks on a background with the Hex color 4F9FC6.

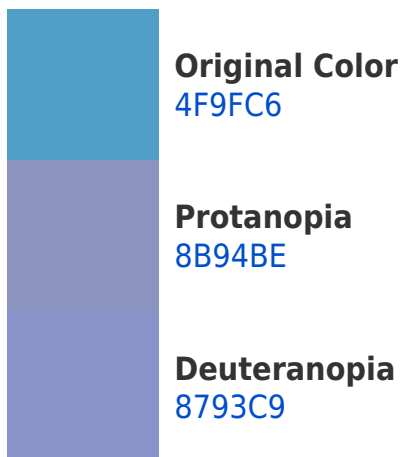


This preview shows how white text looks on a background with the Hex color 4F9FC6.

# 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](#).

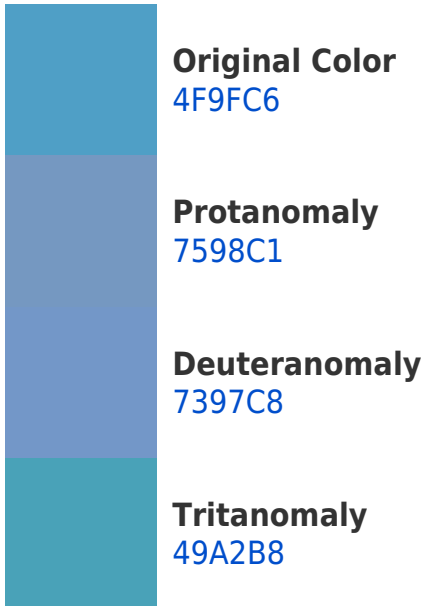
## Dichromacy



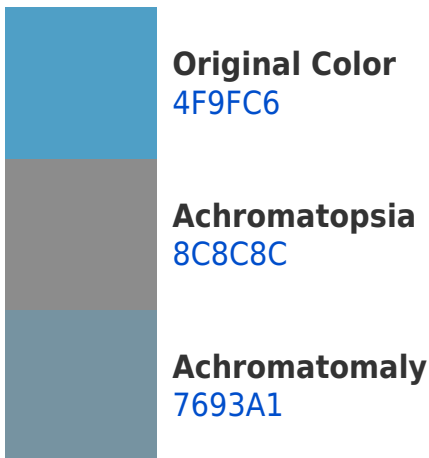


**Tritanopia**  
45A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9FC6 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 #4F9FC6 looks like.

```
.text, #text, p{  
    color:#4F9FC6  
}
```

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 #4F9FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9FC6
}
```

## Border

The CSS property to change the border of an element to Hex 4F9FC6 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
#4F9FC6 }
```

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

```
.border{ border-color:#4F9FC6 }
```

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

Here you see how a box with a 4 pixel #4F9FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9FC6; -webkit-box-shadow:4px 4px  
4px 4px #4F9FC6; box-shadow:4px 4px 4px  
4px #4F9FC6 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9FC6 }
```

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

```
.background{ background-color:#4F9FC6 }
```

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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