

# Converting Colors

Hex(4F9AC5)

Have a look what the booklet for  
Hex(4F9AC5) contains.

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# Color

Hex(4F9AC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F9AC5
RGB	79, 154, 197
RGB Percent	31%, 60%, 77%
CMY	0.6902, 0.3961, 0.2275
CMYK	0.60, 0.22, 0.00, 0.23
HSL	202°, 50%, 54%
HSV	202°, 60%, 77%
XYZ	24.8581, 28.8047, 57.0730
YIQ	136.4770, -58.5030, -2.5270

# Conversions

## Conversions Part 2

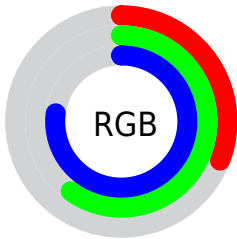
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 125, 197
Decimal	5216965
CIE <sub>Lab</sub>	60.61, -10.46, -29.17
CIE <sub>LCh</sub>	61, 30.991, 250.277
Yxy	28.8047, 0.2245, 0.2601
Android (android.graphics.Color)	4283407045 (0xFF4F9AC5)
YUV	136.4770, 29.8378, -50.4073
Hunter-Lab	53.6700, -11.2474, -25.4804

# Details

The Hex color **4F9AC5** 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 **C57A4F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **89D0FE**, and **00678F** is the 20% darker color. If you saturate the color by 10%, you get **3B93C5**, and if you desaturate by 10%, it is **63A1C5**.

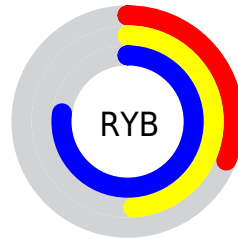
# Distribution



Red (31%)

Green (60%)

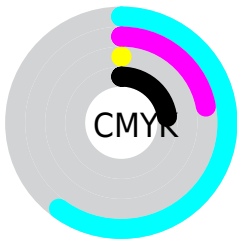
Blue (77%)



Red (31%)

Yellow (49%)

Blue (77%)

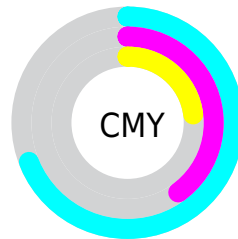


Cyan (60%)

Magenta (22%)

Yellow (0%)

Black (23%)



Cyan (69%)

Magenta (40%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F9AC5 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 4F9AC5 by changing the saturation by 10% instead.



■ 4F9AC5

■ 4F9AC5

FFFFFF

■ 2F80AA

■ 89D0FE

■ 00678F

■ A6EDFF

■ 004F75

■ C3FFFF

■ 00385C

■ E1FFFF

■ 002345

■ 00082E

■ 000119

■ 000000

■ 4F9AC5

■ 4F9AC5

■ 3B93C5

■ 63A1C5

■ 288CC5

■ 76A8C5

■ 1484C5

■ 8AB0C5

■ 007DC5

■ 9EB7C5

■ B2BEC5

■ C5C5C5

■ D9CCC5

■ EDD3C5

■ FFDBC5

# Harmonies

## Analogous

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



2F9FB5



4F9AC5



7B92C8

# Triad

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



4F9AC5



C87D8A



7D9B68

# Complementary

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



4F9AC5



C57A4F

# 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.



9B945C



4F9AC5



C48270

# Square

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



4F9AC5



BC80A5



B48A5F



5CA07F

# Rectangle

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



4F9AC5



968BC1



B48A5F



889962

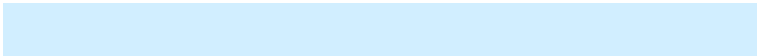


# Sweetspot

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



4F9AC5



D1EEFF



4FC578



637580



000000



808080



# Same Dimension

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



4F9AC5



47BCFF



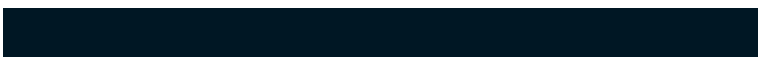
4F61C5



5A6063



0068A3



001724



# Inverse Universe

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



C54F9A



FF47BC



C5B34F



635A60



A30068



240017



# Previews

## White Background



This preview shows how the Hex color 4F9AC5 looks on a white background.

## Color Contrast Check

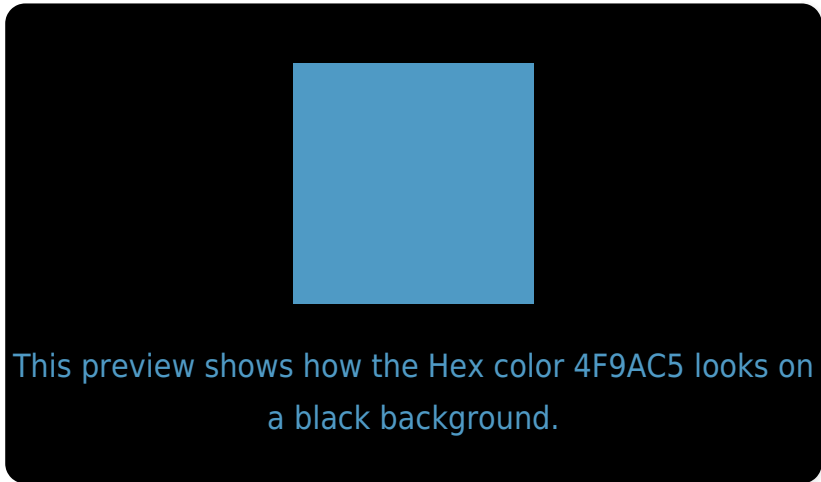
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 4F9AC5 Background



This preview shows how black text looks on a background with the Hex color 4F9AC5.



This preview shows how white text looks on a background with the Hex color 4F9AC5.

# 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](#).

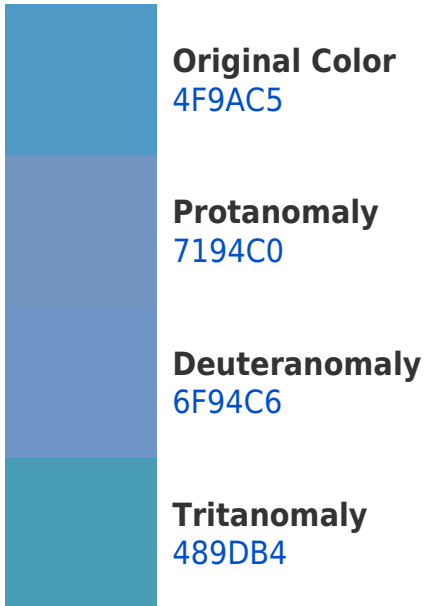
## Dichromacy



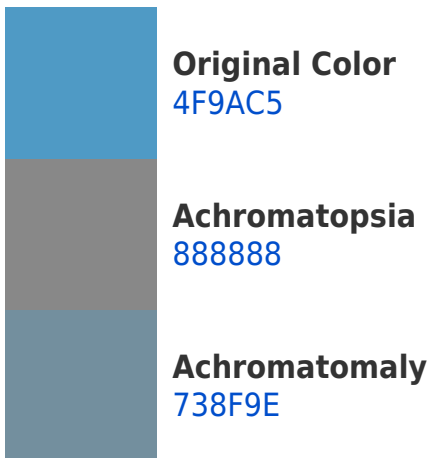


**Tritanopia**  
449FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F9AC5 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 #4F9AC5 looks like.

```
.text, #text, p{  
    color:#4F9AC5  
}
```

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 #4F9AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9AC5
}
```

## Border

The CSS property to change the border of an element to Hex 4F9AC5 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
#4F9AC5 }
```

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

```
.border{ border-color:#4F9AC5 }
```

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

Here you see how a box with a 4 pixel #4F9AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9AC5; -webkit-box-shadow:4px 4px  
4px 4px #4F9AC5; box-shadow:4px 4px 4px  
4px #4F9AC5 }
```

# Background

The CSS property to change the background color of an element to Hex 4F9AC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9AC5 }
```

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

```
.background{ background-color:#4F9AC5 }
```

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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