

# Converting Colors

Hex(469FAC)

Have a look what the booklet for  
Hex(469FAC) contains.

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# Color

Hex(469FAC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	469FAC
RGB	70, 159, 172
RGB Percent	27%, 62%, 67%
CMY	0.7255, 0.3765, 0.3255
CMYK	0.59, 0.08, 0.00, 0.33
HSL	188°, 42%, 47%
HSV	188°, 59%, 67%
XYZ	22.3703, 29.0769, 43.4631
YIQ	133.8710, -57.2170, -14.8250

# Conversions

## Conversions Part 2

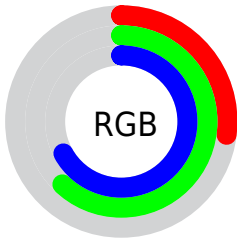
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 118, 172
Decimal	4628396
CIELab	60.85, -22.54, -14.76
CIElCh	61, 26.943, 213.220
Yxy	29.0769, 0.2357, 0.3064
Android (android.graphics.Color)	4282818476 (0xFF469FAC)
YUV	133.8710, 18.7976, -56.0149
Hunter-Lab	53.9230, -20.3134, -10.0429

# Details

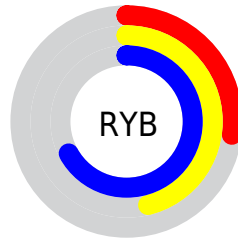
The Hex color **469FAC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC5346**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **80D6E3**, and **006B78** is the 20% darker color. If you saturate the color by 10%, you get **359DAC**, and if you desaturate by 10%, it is **57A1AC**.

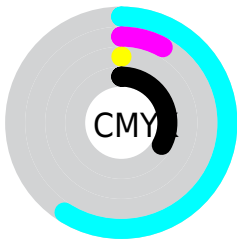
# Distribution



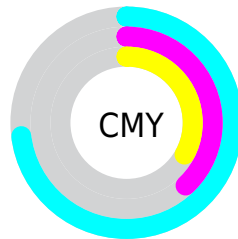
- Red (27%)
- Green (62%)
- Blue (67%)



- Red (27%)
- Yellow (46%)
- Blue (67%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469FAC 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 469FAC by changing the saturation by 10% instead.



 469FAC

 469FAC

FFFFFF

 258591

 80D6E3

 006B78

 9CF2FF

 00535F

 B9FFFF

 003B47

 D7FFFF

 002531

 F4FFFF

 00071C

 000000

 469FAC

 469FAC

 359DAC

 57A1AC

■ 249BAC

■ 68A3AC

■ 1298AC

■ 7AA6AC

■ 0196AC

■ 8BA8AC

■ 0096AC

■ 9CAAAC

■ ADACAC

■ BEAEAC

■ D0B1AC

■ E1B3AC

# Harmonies

## Analogous

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



52A095



469FAC



569BBD

# Triad

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



469FAC



B384A9



A19263

# Complementary

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



469FAC



AC5346

# 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.



B58A69



469FAC



C18191

# Square

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



469FAC



9A8CBB



C1837A



87996A

# Rectangle

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



469FAC



6C97C2



C1837A



A98F64



# Sweetspot

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



469FAC



B8DBE0



46AC52



586D70



F0F0F0



707070



# Same Dimension

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



469FAC



41CCE0



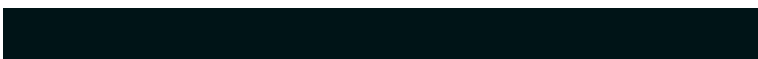
466DAC



4E5657



008396



001417



# Inverse Universe

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



AC469F



E041CC



AC8546



574E56



960083



170014



# Previews

## White Background



This preview shows how the Hex color 469FAC looks on a white background.

## Color Contrast Check

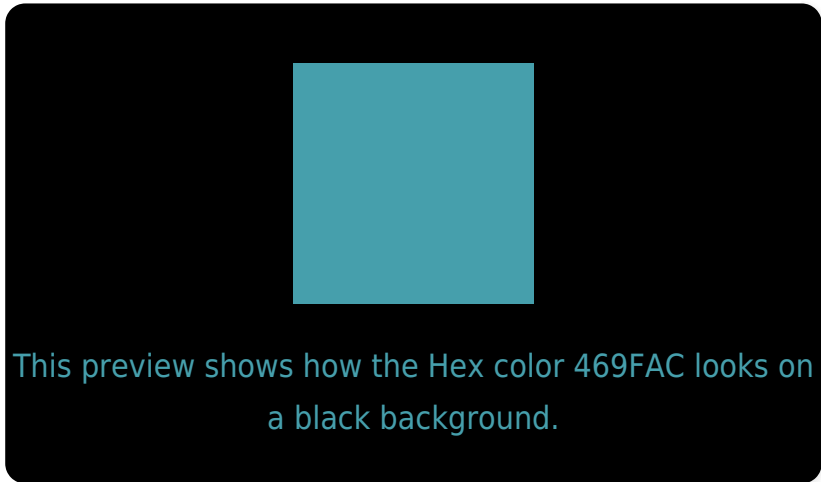
Large Text (above 18pt) WCAG AA ✓ Pass

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

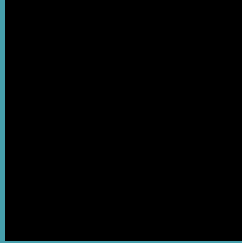
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 469FAC Background



This preview shows how black text looks on a background with the Hex color 469FAC.

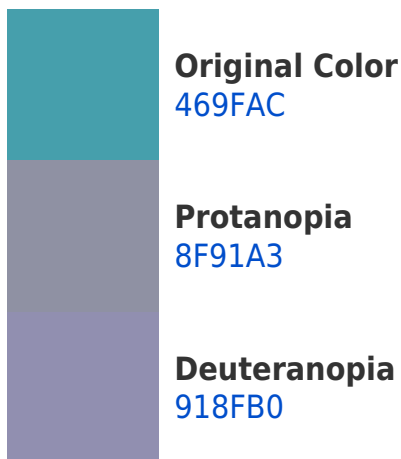


This preview shows how white text looks on a background with the Hex color 469FAC.

# Color Blindness Simulation

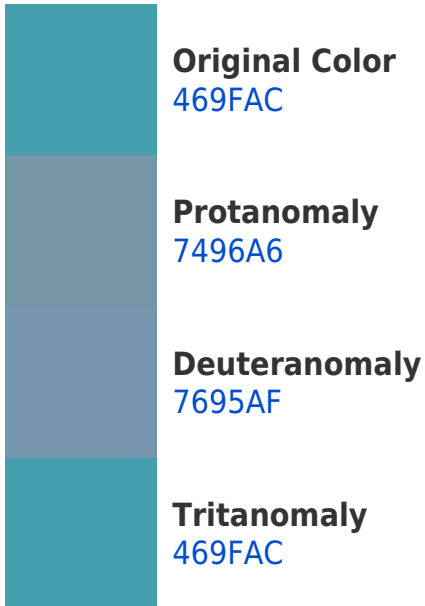
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469FAC 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 #469FAC looks like.

```
.text, #text, p{  
    color:#469FAC  
}
```

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 #469FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469FAC
}
```

## Border

The CSS property to change the border of an element to Hex 469FAC 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
#469FAC }
```

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

```
.border{ border-color:#469FAC }
```

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

Here you see how a box with a 4 pixel #469FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469FAC; -webkit-box-shadow:4px 4px  
4px 4px #469FAC; box-shadow:4px 4px 4px  
4px #469FAC }
```

# Background

The CSS property to change the background color of an element to Hex 469FAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469FAC }
```

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

```
.background{ background-color:#469FAC }
```

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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