

# Converting Colors

Hex(6A9FB4)

Have a look what the booklet for  
Hex(6A9FB4) contains.

<b>Hex(6A9FB4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6A9FB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9FB4
RGB	106, 159, 180
RGB Percent	42%, 62%, 71%
CMY	0.5843, 0.3765, 0.2941
CMYK	0.41, 0.12, 0.00, 0.29
HSL	197°, 33%, 56%
HSV	197°, 41%, 71%
XYZ	26.5802, 31.1557, 47.7927
YIQ	145.5470, -38.3290, -4.7050

# Conversions

## Conversions Part 2

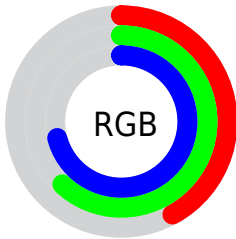
Format	Color
R <sub>Y</sub> B	106, 137, 180
Decimal	6987700
CIE Lab	62.64, -11.99, -16.41
CIE LCh	63, 20.324, 233.850
Yxy	31.1557, 0.2519, 0.2952
Android (android.graphics.Color)	4285177780 (0xFF6A9FB4)
YUV	145.5470, 16.9853, -34.6827
Hunter-Lab	55.8173, -12.6786, -11.6941

# Details

The Hex color **6A9FB4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B47F6A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A0D6EC**, and **356C7F** is the 20% darker color. If you saturate the color by 10%, you get **589AB4**, and if you desaturate by 10%, it is **7CA4B4**.

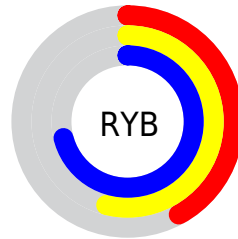
# Distribution



Red (42%)

Green (62%)

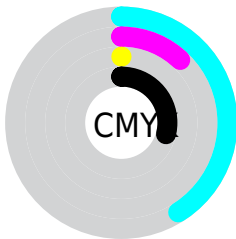
Blue (71%)



Red (42%)

Yellow (54%)

Blue (71%)

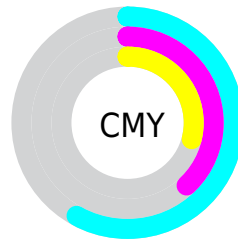


Cyan (41%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (38%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9FB4 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 6A9FB4 by changing the saturation by 10% instead.





6A9FB4



6A9FB4

FFFFFF



4F8599



A0D6EC



356C7F



BCF2FF



175366



D9FFFF



003C4E



F6FFFF



002637



001222



000009



000000



6A9FB4



6A9FB4

■ 589AB4

■ 7CA4B4

■ 4695B4

■ 8EA9B4

■ 3490B4

■ A0AEB4

■ 228BB4

■ B2B3B4

■ 1085B4

■ C4B9B4

■ 0081B4

■ D6BEB4

■ E8C3B4

■ FAC8B4

■ FFCDB4

# Harmonies

## Analogous

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



65A2A5



6A9FB4



7D9ABB

# Triad

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



6A9FB4



B98B9C



969B76

# Complementary

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



6A9FB4



B47F6A

# 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.



A99574



6A9FB4



BD8B8A

# Square

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



6A9FB4



AB8EAD



B78F7B



819F82

# Rectangle

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



6A9FB4



8D96BA



B78F7B



9C9974



# Sweetspot

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



6A9FB4



CEE3EB



6AB47F



657175



F5F5F5



757575



# Same Dimension

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



6A9FB4



78CAEB



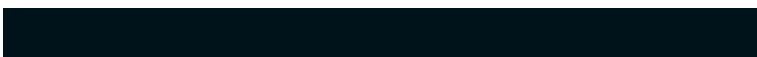
6A7AB4



505759



006E99



00121A



# Inverse Universe

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



B46A9F



EB78CA



B4A46A



595057



99006E



1A0012



# Previews

## White Background



This preview shows how the Hex color 6A9FB4 looks on a white background.

## Color Contrast Check

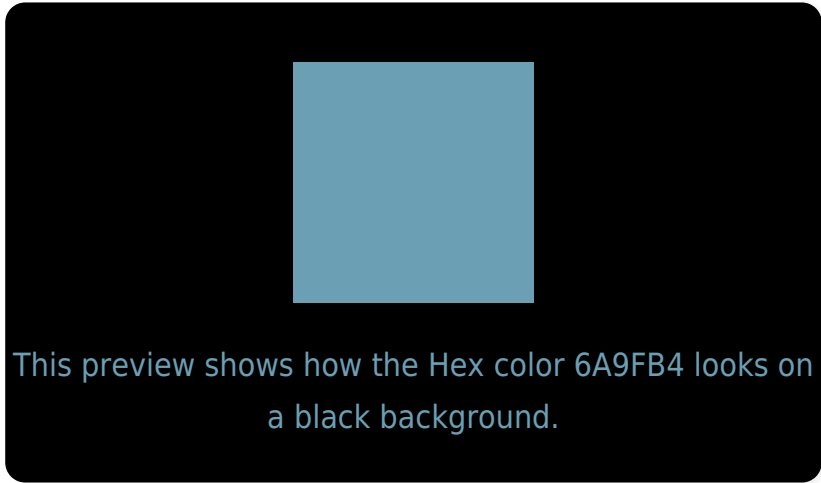
Large Text (above 18pt) WCAG AA × Fail

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

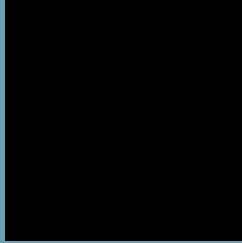
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6A9FB4 Background



This preview shows how black text looks on a background with the Hex color 6A9FB4.

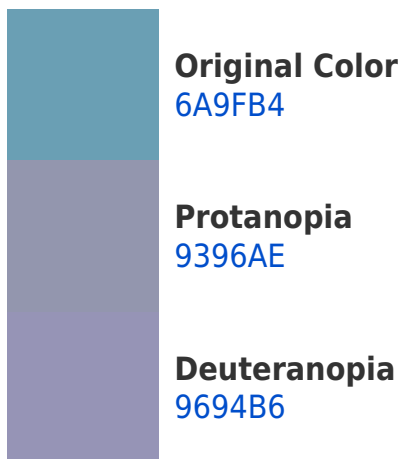


This preview shows how white text looks on a background with the Hex color 6A9FB4.

# 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](#).

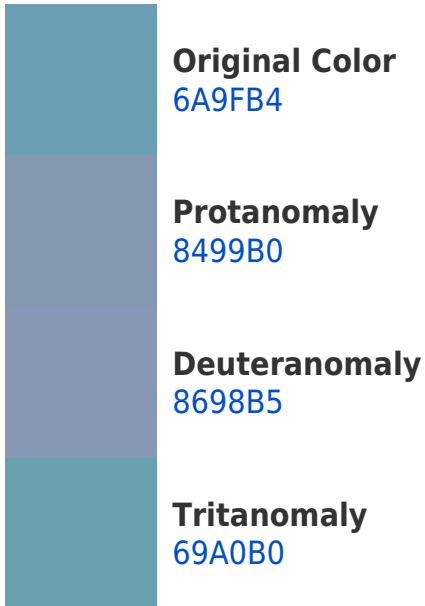
## Dichromacy





**Tritanopia**  
68A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9FB4 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 #6A9FB4 looks like.

```
.text, #text, p{  
    color:#6A9FB4  
}
```

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 #6A9FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9FB4
}
```

## Border

The CSS property to change the border of an element to Hex 6A9FB4 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
#6A9FB4 }
```

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

```
.border{ border-color:#6A9FB4 }
```

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

Here you see how a box with a 4 pixel #6A9FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9FB4; -webkit-box-shadow:4px 4px  
4px 4px #6A9FB4; box-shadow:4px 4px 4px  
4px #6A9FB4 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9FB4 }
```

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

```
.background{ background-color:#6A9FB4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor