

# Converting Colors

Hex(6A8FA4)

Have a look what the booklet for  
Hex(6A8FA4) contains.

<b>Hex(6A8FA4)</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(6A8FA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A8FA4
RGB	106, 143, 164
RGB Percent	42%, 56%, 64%
CMY	0.5843, 0.4392, 0.3569
CMYK	0.35, 0.13, 0.00, 0.36
HSL	202°, 24%, 53%
HSV	202°, 35%, 64%
XYZ	22.4672, 25.3894, 38.8385
YIQ	134.3310, -28.7930, -1.3130

# Conversions

## Conversions Part 2

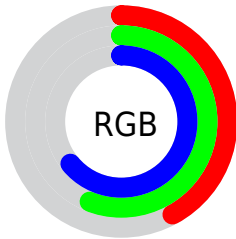
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 129, 164
Decimal	6983588
CIE <sub>Lab</sub>	57.45, -7.45, -15.20
CIE <sub>LCh</sub>	57, 16.926, 243.870
Yxy	25.3894, 0.2592, 0.2929
Android (android.graphics.Color)	4285173668 (0xFF6A8FA4)
YUV	134.3310, 14.6268, -24.8463
Hunter-Lab	50.3879, -8.5886, -10.4285

# Details

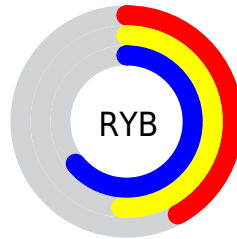
The Hex color **6A8FA4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A47F6A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9FC5DB**, and **375D70** is the 20% darker color. If you saturate the color by 10%, you get **5A89A4**, and if you desaturate by 10%, it is **7A95A4**.

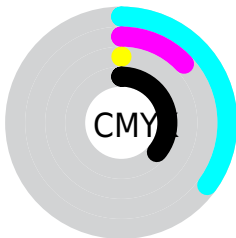
# Distribution



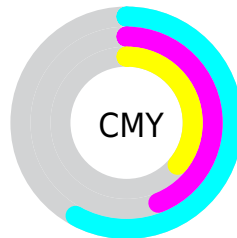
- Red (42%)
- Green (56%)
- Blue (64%)



- Red (42%)
- Yellow (51%)
- Blue (64%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A8FA4 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 6A8FA4 by changing the saturation by 10% instead.



■ 6A8FA4

■ 6A8FA4

FFFFFF

■ 50758A

■ 9FC5DB

■ 375D70

■ BBE1F7

■ 1E4558

■ D7FDFF

■ 002F40

■ F4FFFF

■ 001A2A

■ 000116

■ 000000

■ 6A8FA4

■ 6A8FA4

■ 5A89A4

■ 7A95A4

■ 4983A4

■ 8B9BA4

■ 397DA4

■ 9BA1A4

■ 2877A4

■ ACA7A4

■ 1871A4

■ BCADA4

■ 086BA4

■ CCB3A4

■ 0069A4

■ DDB9A4

■ EDBFA4

■ FEC4A4

# Harmonies

## Analogous

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



62929A



6A8FA4



7B8BA7

# Triad

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



6A8FA4



A88089



838E71

# Complementary

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



6A8FA4



A47F6A

# 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.



938A6D



6A8FA4



A8817A

# Square

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



6A8FA4



9F8197



A18570



72917D

# Rectangle

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



6A8FA4



8987A5



A18570



898D6F



# Sweetspot

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



6A8FA4



BFCED6



6AA47E



5D666B



EBEBEB



6B6B6B



# Same Dimension

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



6A8FA4



7CB6D6



6A73A4



494F52



005D91



000B12



# Inverse Universe

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



A46A8F



D67CB6



A49B6A



52494F



91005D



12000B



# Previews

## White Background



This preview shows how the Hex color 6A8FA4 looks on a white background.

## Color Contrast Check

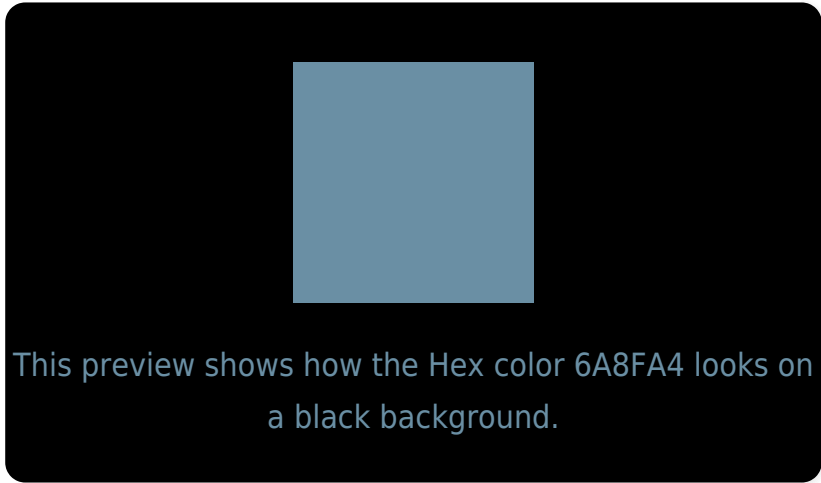
Large Text (above 18pt) WCAG AA ✓ Pass

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

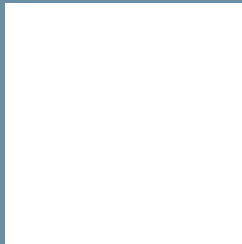
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A8FA4 Background



This preview shows how black text looks on a background with the Hex color 6A8FA4.

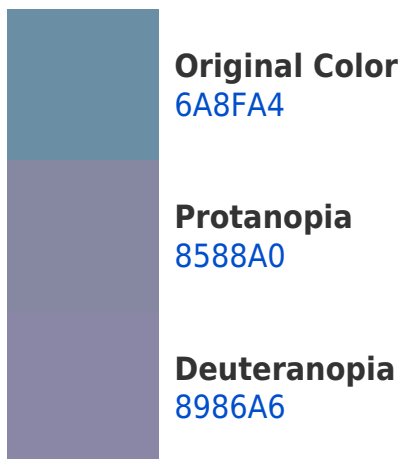


This preview shows how white text looks on a background with the Hex color 6A8FA4.

# 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](#).

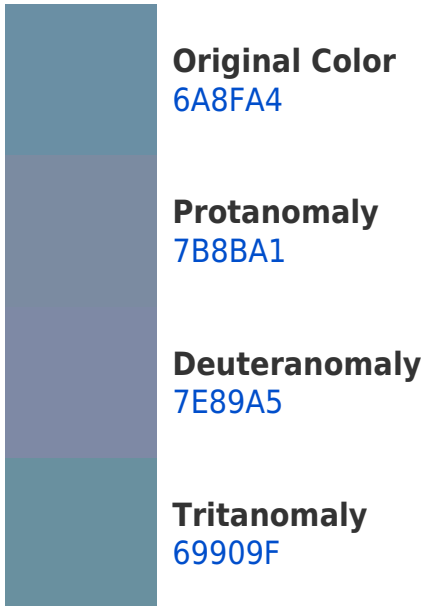
## Dichromacy



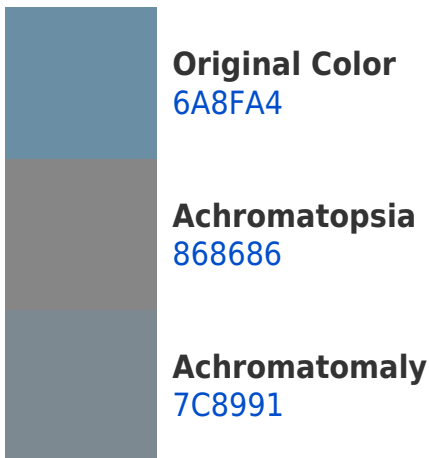


**Tritanopia**  
68909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A8FA4 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 #6A8FA4 looks like.

```
.text, #text, p{  
    color:#6A8FA4  
}
```

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 #6A8FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8FA4
}
```

## Border

The CSS property to change the border of an element to Hex 6A8FA4 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
#6A8FA4 }
```

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

```
.border{ border-color:#6A8FA4 }
```

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

Here you see how a box with a 4 pixel #6A8FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8FA4; -webkit-box-shadow:4px 4px  
4px 4px #6A8FA4; box-shadow:4px 4px 4px  
4px #6A8FA4 }
```

# Background

The CSS property to change the background color of an element to Hex 6A8FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8FA4 }
```

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

```
.background{ background-color:#6A8FA4 }
```

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