

# Converting Colors

Hex(768FBF)

Have a look what the booklet for  
Hex(768FBF) contains.

|  |    |
|--|----|
| <b>Hex(768FBF)</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(768FBF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 768FBF                     |
| RGB           | 118, 143, 191              |
| RGB Percent   | 46%, 56%, 75%              |
| CMY           | 0.5373, 0.4392, 0.2510     |
| CMYK          | 0.38, 0.25, 0.00, 0.25     |
| HSL           | 219°, 36%, 61%             |
| HSV           | 219°, 38%, 75%             |
| XYZ           | 26.6976, 27.2581, 53.1444  |
| YIQ           | 140.9970, -30.3080, 9.6280 |

# Conversions

## Conversions Part 2

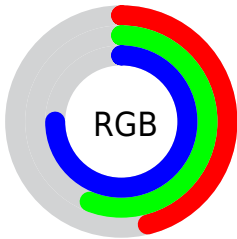
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 118, 137, 191                  |
| Decimal                             | 7770047                        |
| CIELab                              | 59.21, 3.26, -27.79            |
| CIELCh                              | 59, 27.983, 276.692            |
| Yxy                                 | 27.2581, 0.2493,<br>0.2545     |
| Android<br>(android.graphics.Color) | 4285960127<br>(0xFF768FBF)     |
| YUV                                 | 140.9970, 24.6515,<br>-20.1684 |
| Hunter-Lab                          | 52.2093, -0.0887,<br>-23.8055  |

# Details

The Hex color **768FBF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BFA676**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ACC5F8**, and **425D89** is the 20% darker color. If you saturate the color by 10%, you get **6382BF**, and if you desaturate by 10%, it is **899CBF**.

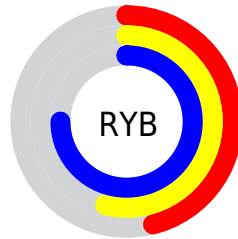
# Distribution



Red (46%)

Green (56%)

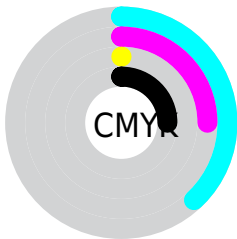
Blue (75%)



Red (46%)

Yellow (54%)

Blue (75%)

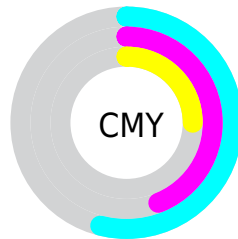


Cyan (38%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (44%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 768FBF 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 768FBF by changing the saturation by 10% instead.



 768FBF

 768FBF

FFFFFF

 5C75A4

 ACC5F8

 425D89

 C8E1FF

 274670

 E5FDFF

 062F57

 001B40

 00032A

 000114

 000000

 768FBF

 768FBF

6382BF

899CBF

5076BF

9CA8BF

3D69BF

AFB5BF

2A5DBF

C2C1BF

1750BF

D6CEBF

0344BF

E9DABF

0041BF

FCE7BF

FFF3BF

FFFFBF

# Harmonies

## Analogous

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



5196BB



768FBF



9986B6

# Triad

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



768FBF



BD7F72



629A7A

# Complementary

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



768FBF



BFA676

# 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.



7F9666



768FBF



B08662

# Square

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



768FBF



BF7C8A



9A8F5D



479C93

# Rectangle

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



768FBF



AB81AA



9A8F5D



6C9973



# Sweetspot

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



768FBF



DCE5F7



76BFA5



6D727D



FCFCFC



7D7D7D



# Same Dimension

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



768FBF



86ADF7



8176BF



55585E



00369E



000A1F



# Inverse Universe

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



BF768F



F786AD



B4BF76



5E5558



9E0036

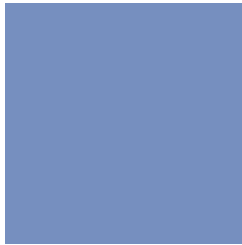


1F000A



# Previews

## White Background



This preview shows how the Hex color 768FBF looks on a white background.

## Color Contrast Check

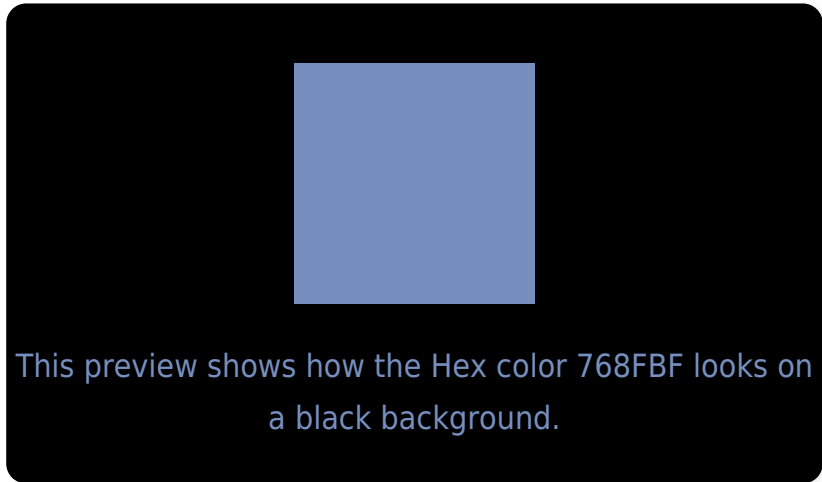
Large Text (above 18pt) WCAG AA ✓ Pass

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

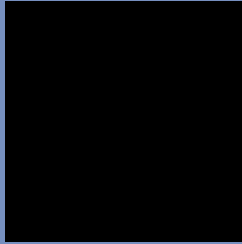
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

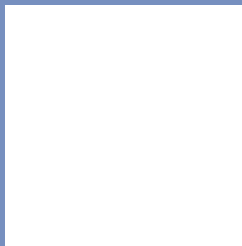
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 768FBF Background



This preview shows how black text looks on a background with the Hex color 768FBF.



This preview shows how white text looks on a background with the Hex color 768FBF.

# 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



**Original Color**

768FBF

**Protanopia**

818CBD

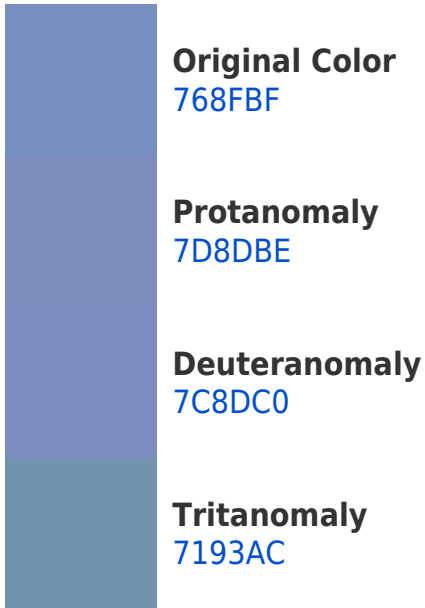
**Deuteranopia**

808CC0



**Tritanopia**  
6E95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 768FBF 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 #768FBF looks like.

```
.text, #text, p{  
    color:#768FBF  
}
```

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 #768FBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768FBF
}
```

## Border

The CSS property to change the border of an element to Hex 768FBF 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
#768FBF }
```

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

```
.border{ border-color:#768FBF }
```

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

Here you see how a box with a 4 pixel #768FBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768FBF; -webkit-box-shadow:4px 4px  
4px 4px #768FBF; box-shadow:4px 4px 4px  
4px #768FBF }
```

# Background

The CSS property to change the background color of an element to Hex 768FBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768FBF }
```

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

```
.background{ background-color:#768FBF }
```

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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