

# Converting Colors

Hex(748FBE)

Have a look what the booklet for  
Hex(748FBE) contains.

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# Color

**Hex(748FBE)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 748FBE                     |
| RGB           | 116, 143, 190              |
| RGB Percent   | 45%, 56%, 75%              |
| CMY           | 0.5451, 0.4392, 0.2549     |
| CMYK          | 0.39, 0.25, 0.00, 0.25     |
| HSL           | 218°, 36%, 60%             |
| HSV           | 218°, 39%, 75%             |
| XYZ           | 26.3192, 27.0756, 52.5541  |
| YIQ           | 140.2850, -31.1790, 8.8930 |

# Conversions

## Conversions Part 2

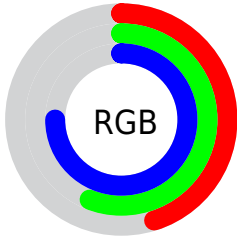
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 116, 136, 190                  |
| Decimal                             | 7638974                        |
| CIE Lab                             | 59.04, 2.43, -27.50            |
| CIE LCh                             | 59, 27.605, 275.052            |
| Yxy                                 | 27.0756, 0.2484,<br>0.2556     |
| Android<br>(android.graphics.Color) | 4285829054<br>(0xFF748FBE)     |
| YUV                                 | 140.2850, 24.5095,<br>-21.2979 |
| Hunter-Lab                          | 52.0342, -0.7737,<br>-23.4584  |

# Details

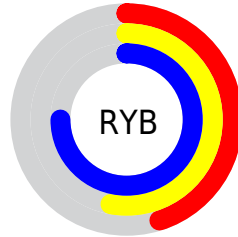
The Hex color **748FBE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BEA374**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **AAC5F6**, and **405D88** is the 20% darker color. If you saturate the color by 10%, you get **6183BE**, and if you desaturate by 10%, it is **879BBE**.

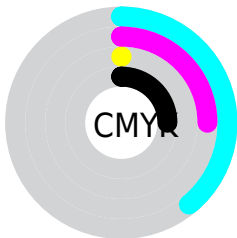
# Distribution



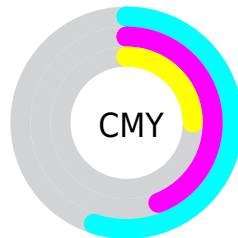
- Red (45%)
- Green (56%)
- Blue (75%)



- Red (45%)
- Yellow (53%)
- Blue (75%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748FBE 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 748FBE by changing the saturation by 10% instead.





748FBE



748FBE

FFFFFF



5A75A3



AAC5F6



405D88



C6E1FF



25466F



E3FDFF



022F56



001B3F



000329



000113



000000



748FBE



748FBE

6183BE

879BBE

4E77BE

9AA7BE

3B6BBE

ADB3BE

285FBE

C0BFBE

1553BE

D3CBBE

0247BE

E6D7BE

0045BE

F9E3BE

FFF0BE

FFFCBE

# Harmonies

## Analogous

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



5096B9



748FBE



9786B6

# Triad

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



748FBE



BC7F73



649A79

# Complementary

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



748FBE



BEA374

# 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.



819566



748FBE



B08663

# Square

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



748FBE



BD7C8B



9B8E5E



499B91

# Rectangle

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



748FBE



A981AA



9B8E5E



6E9872



# Sweetspot

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



748FBE



DAE4F7



74BEA3



6B727D



FCFCFC



7D7D7D

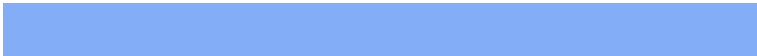


# Same Dimension

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



748FBE



83AEF7



7E74BE



55585E



003A9E



000B1F



# Inverse Universe

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



BE748F



F783AE



B4BE74



5E5558



9E003A

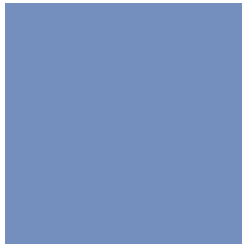


1F000B



# Previews

## White Background



This preview shows how the Hex color 748FBE looks on a white background.

## Color Contrast Check

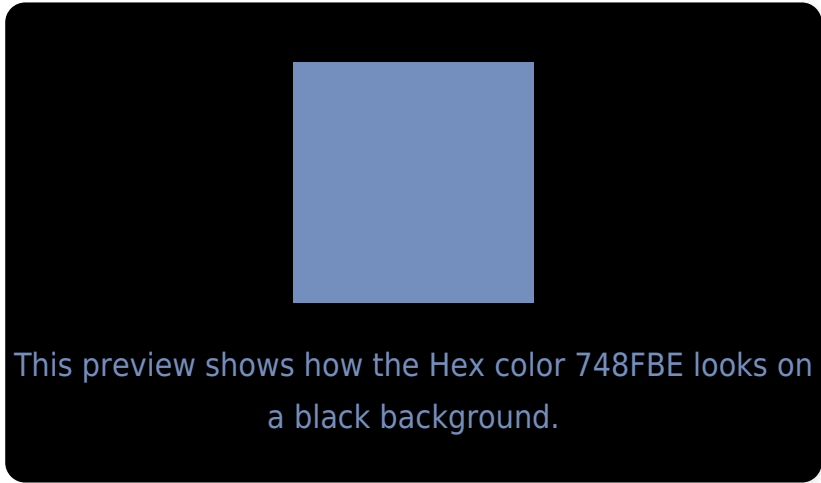
Large Text (above 18pt) WCAG AA ✓ Pass

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

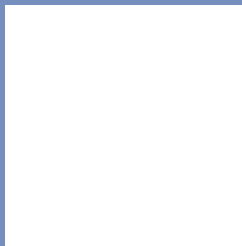
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748FBE Background



This preview shows how black text looks on a background with the Hex color 748FBE.



This preview shows how white text looks on a background with the Hex color 748FBE.

# 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](#).

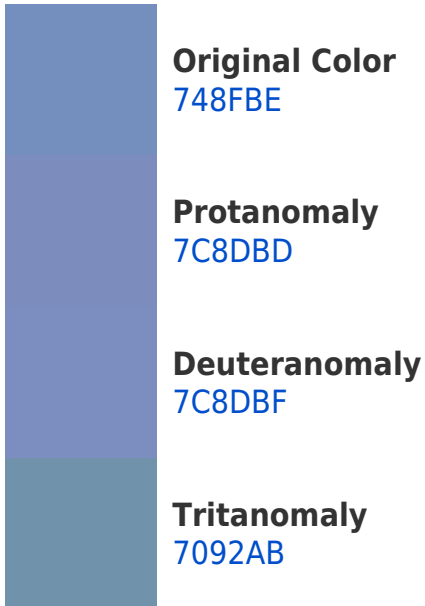
## Dichromacy



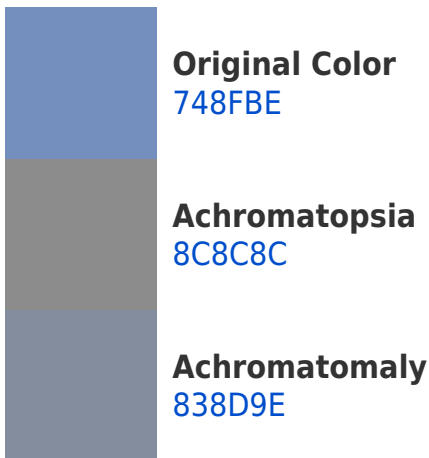


**Tritanopia**  
6D94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748FBE 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 #748FBE looks like.

```
.text, #text, p{  
    color:#748FBE  
}
```

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 #748FBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748FBE
}
```

## Border

The CSS property to change the border of an element to Hex 748FBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

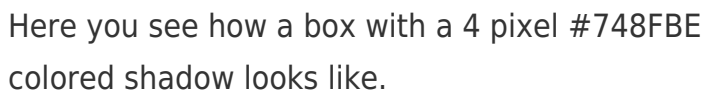
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#748FBE }
```

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

```
.border{ border-color:#748FBE }
```

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



Here you see how a box with a 4 pixel #748FBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748FBE; -webkit-box-shadow:4px 4px  
4px 4px #748FBE; box-shadow:4px 4px 4px  
4px #748FBE }
```

# Background

The CSS property to change the background color of an element to Hex 748FBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748FBE }
```

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

```
.background{ background-color:#748FBE }
```

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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