

Converting Colors

Hex(758FBA)

Have a look what the booklet for
Hex(758FBA) contains.

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Color

Hex(758FBA)

Conversions

Conversions Part 1

Format	Color
Hex	758FBA
RGB	117, 143, 186
RGB Percent	46%, 56%, 73%
CMY	0.5412, 0.4392, 0.2706
CMYK	0.37, 0.23, 0.00, 0.27
HSL	217°, 33%, 59%
HSV	217°, 37%, 73%
XYZ	26.0215, 26.9720, 50.2890
YIQ	140.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

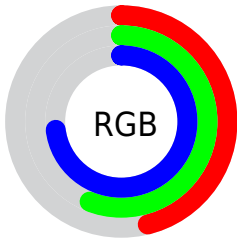
Format	Color
RYB	117, 136, 186
Decimal	7704506
CIELab	58.95, 1.61, -25.38
CIElCh	59, 25.427, 273.633
Yxy	26.9720, 0.2519, 0.2611
Android (android.graphics.Color)	4285894586 (0xFF758FBA)
YUV	140.1280, 22.6149, -20.2833
Hunter-Lab	51.9346, -1.4492, -21.0572

Details

The Hex color **758FBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BAA075**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ABC5F2**, and **415D85** is the 20% darker color. If you saturate the color by 10%, you get **6283BA**, and if you desaturate by 10%, it is **889BBA**.

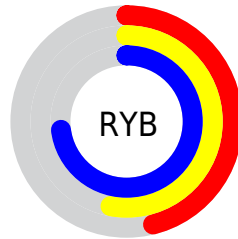
Distribution



Red (46%)

Green (56%)

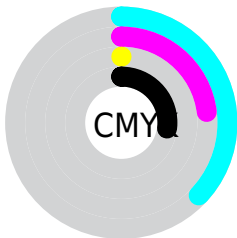
Blue (73%)



Red (46%)

Yellow (53%)

Blue (73%)

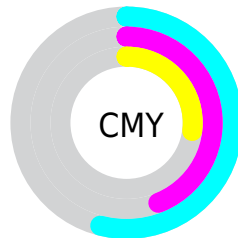


Cyan (37%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758FBA 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 758FBA by changing the saturation by 10% instead.

■ 758FBA

■ 758FBA

FFFFFF

■ 5B759F

■ ABC5F2

■ 415D85

■ C7E1FF

■ 27456B

■ E4FDFF

■ 082F53

■ 001B3C

■ 000226

■ 00010F

■ 000000

■ 758FBA

■ 758FBA

6283BA

889BBA

5078BA

9AA6BA

3D6CBA

ADB2BA

2B61BA

BFBD8A

1855BA

D2C9BA

0549BA

E5D5BA

0046BA

F7E0BA

FFECBA

FFF7BA

Harmonies

Analogous

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



5695B5



758FBA



9587B3

Triad

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



758FBA



B98076



699879

Complementary

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



758FBA



BAA075

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.



839468



758FBA



AE8667

Square

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



758FBA



B97D8C



9B8D61



529A90

Rectangle

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



758FBA



A682A9



9B8D61



729773

Sweetspot

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



758FBA



D8E2F2



75BAA0



6A707A



FAFAFA



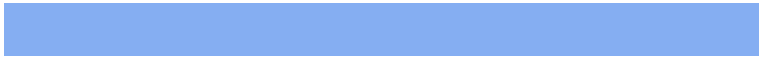
7A7A7A

Same Dimension

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



758FBA



85AEF2



7D75BA



53565C



003B9C



000B1C

Inverse Universe

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



BA758F



F285AE



B2BA75



5C5356



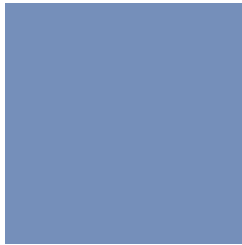
9C003B



1C000B

Previews

White Background



This preview shows how the Hex color 758FBA looks on a white background.

Color Contrast Check

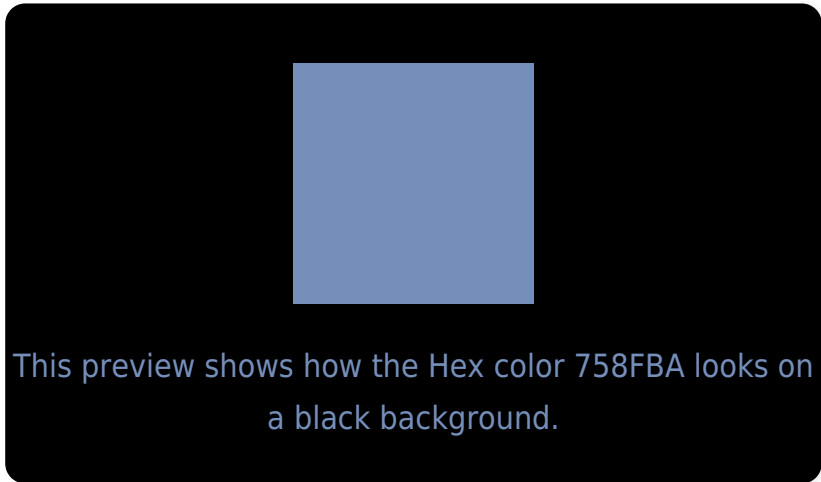
Large Text (above 18pt) WCAG AA ✓ Pass

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

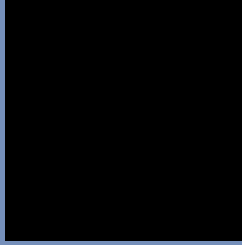
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

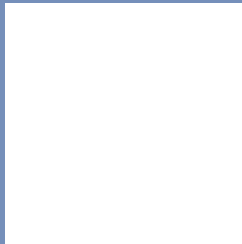
Any Text WCAG AAA × Fail

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

Hex 758FBA Background



This preview shows how black text looks on a background with the Hex color 758FBA.

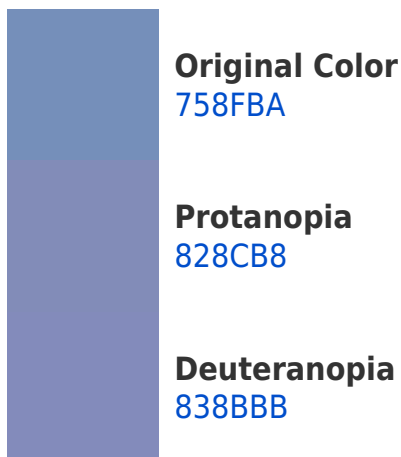


This preview shows how white text looks on a background with the Hex color 758FBA.

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](#).

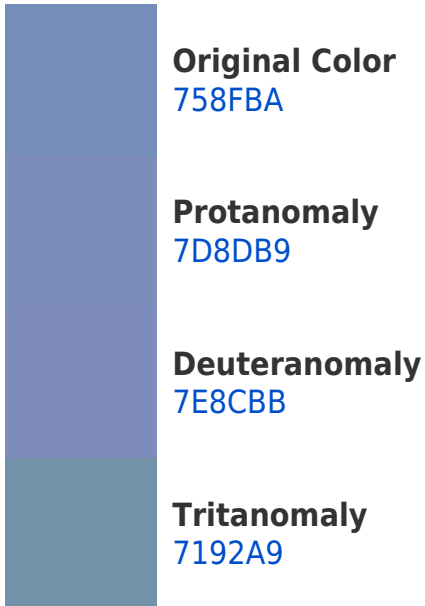
Dichromacy



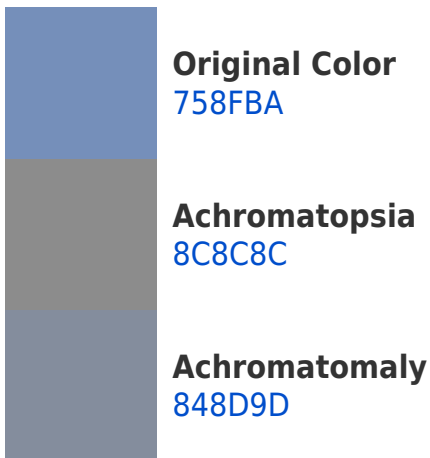


Tritanopia
6F94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758FBA 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 #758FBA looks like.

```
.text, #text, p{  
    color:#758FBA  
}
```

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 #758FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758FBA
}
```

Border

The CSS property to change the border of an element to Hex 758FBA 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
#758FBA }
```

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

```
.border{ border-color:#758FBA }
```

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

Here you see how a box with a 4 pixel #758FBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758FBA; -webkit-box-shadow:4px 4px  
4px 4px #758FBA; box-shadow:4px 4px 4px  
4px #758FBA }
```

Background

The CSS property to change the background color of an element to Hex 758FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758FBA }
```

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

```
.background{ background-color:#758FBA }
```

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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