

Converting Colors

Hex(4F5FBB)

Have a look what the booklet for
Hex(4F5FBB) contains.

Hex(4F5FBB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F5FBB)

Conversions

Conversions Part 1

Format	Color
Hex	4F5FBB
RGB	79, 95, 187
RGB Percent	31%, 37%, 73%
CMY	0.6902, 0.6275, 0.2667
CMYK	0.58, 0.49, 0.00, 0.27
HSL	231°, 44%, 52%
HSV	231°, 58%, 73%
XYZ	16.2863, 13.4345, 48.7485
YIQ	100.7040, -39.0680, 25.2200

Conversions

Conversions Part 2

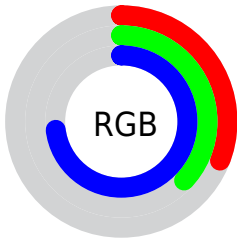
Format	Color
R_{YB}	79, 93, 187
Decimal	5201851
CIE Lab	43.41, 21.63, -50.57
CIE LCh	43, 55.002, 293.161
Yxy	13.4345, 0.2075, 0.1712
Android (android.graphics.Color)	4283391931 (0xFF4F5FBB)
YUV	100.7040, 42.5439, -19.0344
Hunter-Lab	36.6532, 15.1709, -53.1981

Details

The Hex color **4F5FBB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BBAB4F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8891F4**, and **003185** is the 20% darker color. If you saturate the color by 10%, you get **3C4FBB**, and if you desaturate by 10%, it is **626FBB**.

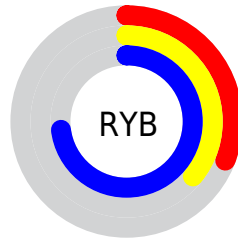
Distribution



Red (31%)

Green (37%)

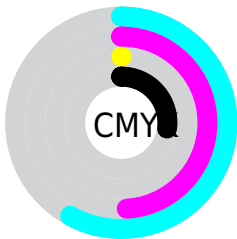
Blue (73%)



Red (31%)

Yellow (36%)

Blue (73%)

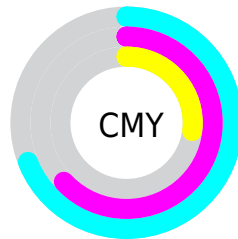


Cyan (58%)

Magenta (49%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (63%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5FBB 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 4F5FBB by changing the saturation by 10% instead.



4F5FBB



4F5FBB

FFFFFF



3048A0



8891F4



003185



A5ACFF



001D6B



C2C7FF



000652



DFE3FF



00063A

FDFFFF



000224



00000B



000000



4F5FBB



4F5FBB

■ 3C4FBB

■ 626FBB

■ 2A3FBB

■ 747FBB

■ 172FBB

■ 878FBB

■ 041FBB

■ 9A9FBB

■ 001CBB

■ ACAFBB

■ BFBFBB

■ D2CFBB

■ E5DEBB

■ F7EEBB

Harmonies

Analogous

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



006FC1



4F5FBB



93499E

Triad

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



4F5FBB



A54D1C



007B5A

Complementary

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



4F5FBB



BBAB4F

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.



11772C



4F5FBB



846100

Square

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



4F5FBB



B63A46



5A6F00



007B89

Rectangle

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



4F5FBB



AB3C82



5A6F00



007A4A

Sweetspot

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



4F5FBB



C9CFF2



4FBBAB



62667A



FAFAFA



7A7A7A

Same Dimension

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



4F5FBB



4B64F2



754FBB



55565E



00179E



00051F

Inverse Universe

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



BB4F5F



F24B64



95BB4F



5E5556



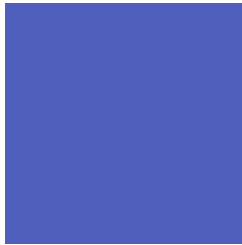
9E0017



1F0005

Previews

White Background



This preview shows how the Hex color 4F5FBB looks on a white background.

Color Contrast Check

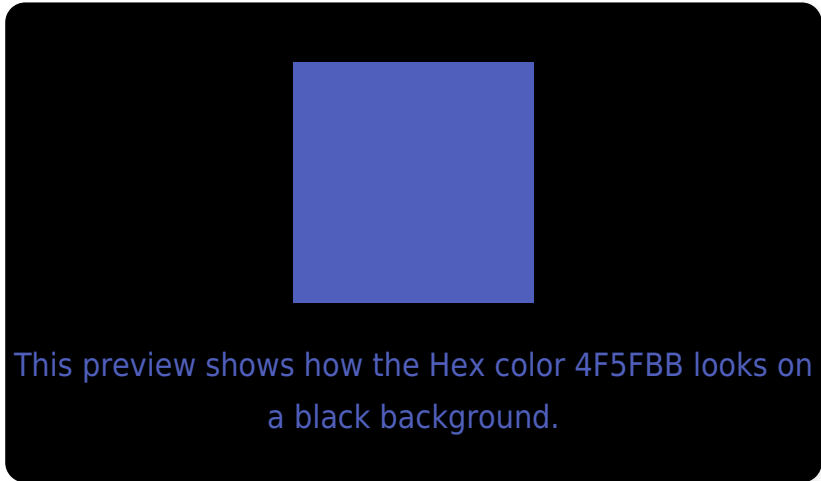
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

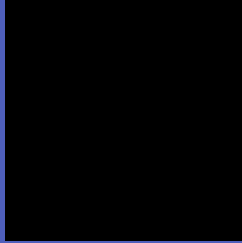
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4F5FBB Background



This preview shows how black text looks on a background with the Hex color 4F5FBB.

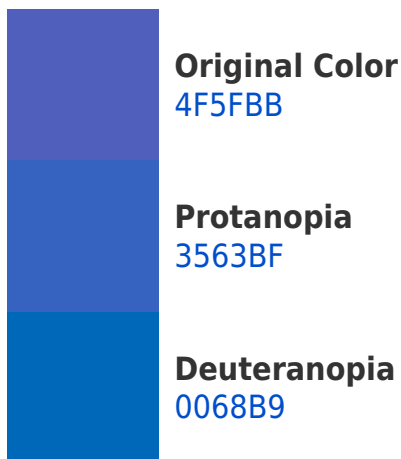


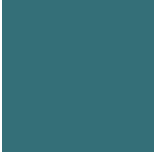
This preview shows how white text looks on a background with the Hex color 4F5FBB.

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](#).

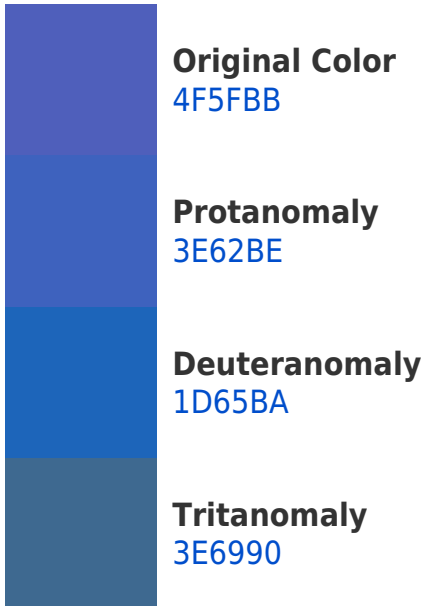
Dichromacy



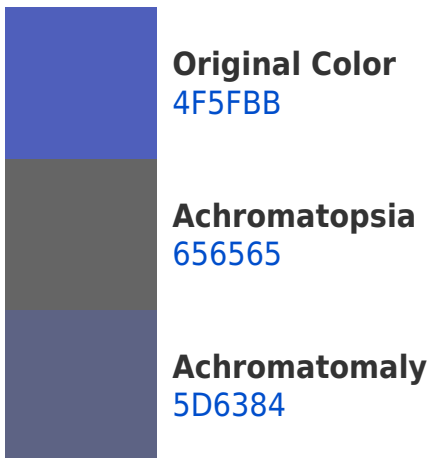


Tritanopia
346F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5FBB 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 #4F5FBB looks like.

```
.text, #text, p{  
    color:#4F5FBB  
}
```

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 #4F5FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5FBB
}
```

Border

The CSS property to change the border of an element to Hex 4F5FBB 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
#4F5FBB }
```

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

```
.border{ border-color:#4F5FBB }
```

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

Here you see how a box with a 4 pixel #4F5FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5FBB; -webkit-box-shadow:4px 4px  
4px 4px #4F5FBB; box-shadow:4px 4px 4px  
4px #4F5FBB }
```

Background

The CSS property to change the background color of an element to Hex 4F5FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5FBB }
```

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

```
.background{ background-color:#4F5FBB }
```

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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