

Converting Colors

Hex(777FBB)

Have a look what the booklet for
Hex(777FBB) contains.

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Color

Hex(777FBB)

Conversions

Conversions Part 1

Format	Color
Hex	777FBB
RGB	119, 127, 187
RGB Percent	47%, 50%, 73%
CMY	0.5333, 0.5020, 0.2667
CMYK	0.36, 0.32, 0.00, 0.27
HSL	233°, 33%, 60%
HSV	233°, 36%, 73%
XYZ	24.1668, 22.6885, 50.1193
YIQ	131.4480, -24.0280, 16.9640

Conversions

Conversions Part 2

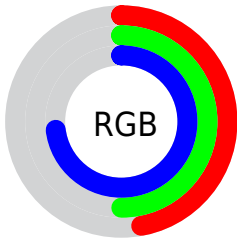
Format	Color
R_{YB}	119, 126, 187
Decimal	7831483
CIE _{Lab}	54.75, 11.80, -32.44
CIE _{LCh}	55, 34.520, 289.993
Yxy	22.6885, 0.2492, 0.2340
Android (android.graphics.Color)	4286021563 (0xFF777FBB)
YUV	131.4480, 27.3871, -10.9169
Hunter-Lab	47.6325, 7.2067, -29.0427

Details

The Hex color **777FBB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BBB377**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ADB4F3**, and **434E85** is the 20% darker color. If you saturate the color by 10%, you get **646EBB**, and if you desaturate by 10%, it is **8A8FBB**.

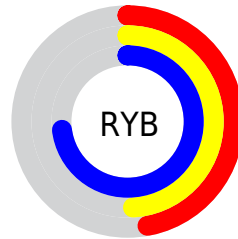
Distribution



Red (47%)

Green (50%)

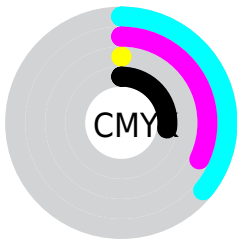
Blue (73%)



Red (47%)

Yellow (49%)

Blue (73%)

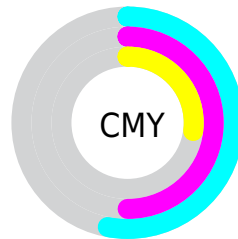


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 777FBB 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 777FBB by changing the saturation by 10% instead.

■ 777FBB

■ 777FBB

FFFFFF

■ 5D66A0

■ ADB4F3

■ 434E85

■ C9CFFF

■ 29386C

■ E6EBFF

■ 0A2253

■ 000D3C

■ 000226

■ 00010E

■ 000000

■ 777FBB

■ 777FBB

■ 646EBB

■ 8A8FBB

■ 525EBB

■ 9CA0BB

■ 3F4DBB

■ AFB1BB

■ 2C3DBB

■ C2C1BB

■ 192CBB

■ D5D2BB

■ 071CBB

■ E7E2BB

■ 0016BB

■ FAF3BB

■ FFFFBB

Harmonies

Analogous

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



4189BD



777FBB



9F74AA

Triad

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



777FBB



B47356



359278

Complementary

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



777FBB



BBB377

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.



608E5C



777FBB



9F7E48

Square

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



777FBB



BD6C70



82874A



009396

Rectangle

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



777FBB



B06E98



82874A



45916E

Sweetspot

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



777FBB



D8DBF2



77BBB2



6A6C7A



FAFAFA



7A7A7A

Same Dimension

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



777FBB



8894F2



9077BB



55565E



00139E



00041F

Inverse Universe

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



BB777F



F28894



A2BB77



5E5556



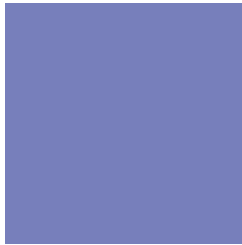
9E0013



1F0004

Previews

White Background



This preview shows how the Hex color 777FBB looks on a white background.

Color Contrast Check

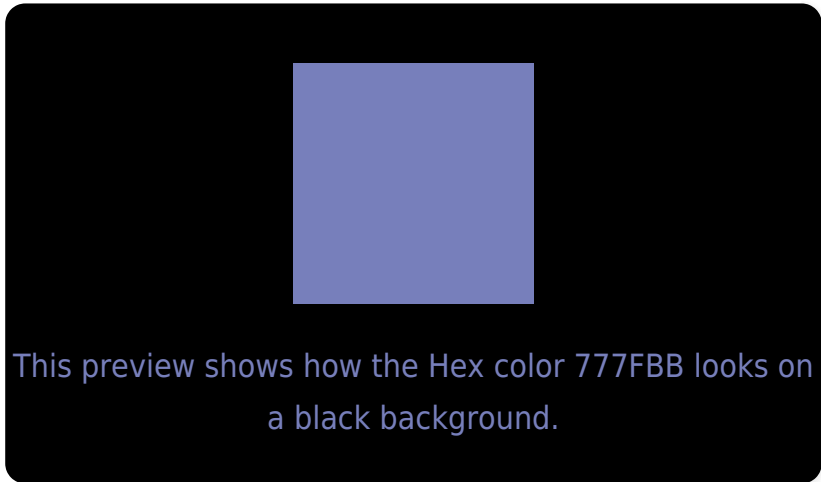
Large Text (above 18pt) WCAG AA ✓ Pass

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 777FBB Background



This preview shows how black text looks on a background with the Hex color 777FBB.



This preview shows how white text looks on a background with the Hex color 777FBB.

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

777FBB

Protanopia

7081BC

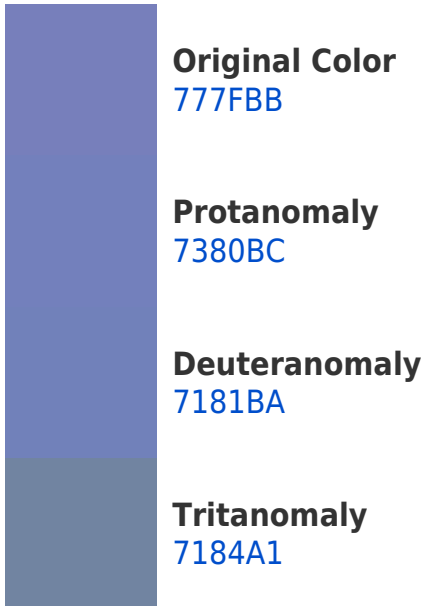
Deuteranopia

6E82BA



Tritanopia
6D8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 777FBB 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 #777FBB looks like.

```
.text, #text, p{  
    color:#777FBB  
}
```

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 #777FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777FBB
}
```

Border

The CSS property to change the border of an element to Hex 777FBB 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
#777FBB }
```

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

```
.border{ border-color:#777FBB }
```

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

Here you see how a box with a 4 pixel #777FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777FBB; -webkit-box-shadow:4px 4px  
4px 4px #777FBB; box-shadow:4px 4px 4px  
4px #777FBB }
```

Background

The CSS property to change the background color of an element to Hex 777FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777FBB }
```

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

```
.background{ background-color:#777FBB }
```

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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