

Converting Colors

Hex(7A7FB4)

Have a look what the booklet for
Hex(7A7FB4) contains.

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Color

Hex(7A7FB4)

Conversions

Conversions Part 1

Format	Color
Hex	7A7FB4
RGB	122, 127, 180
RGB Percent	48%, 50%, 71%
CMY	0.5216, 0.5020, 0.2941
CMYK	0.32, 0.29, 0.00, 0.29
HSL	235°, 28%, 59%
HSV	235°, 32%, 71%
XYZ	23.8536, 22.6116, 46.2873
YIQ	131.5470, -19.9930, 15.4230

Conversions

Conversions Part 2

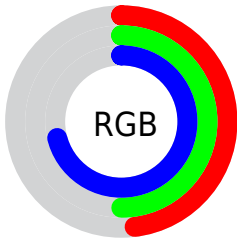
Format	Color
R_{YB}	122, 127, 180
Decimal	8028084
CIE _{Lab}	54.67, 10.77, -28.54
CIE _{LCh}	55, 30.504, 290.683
Yxy	22.6116, 0.2572, 0.2438
Android (android.graphics.Color)	4286218164 (0xFF7A7FB4)
YUV	131.5470, 23.8873, -8.3727
Hunter-Lab	47.5517, 6.3266, -24.4273

Details

The Hex color **7A7FB4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4AF7A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B0B4EC**, and **474E7F** is the 20% darker color. If you saturate the color by 10%, you get **686FB4**, and if you desaturate by 10%, it is **8C8FB4**.

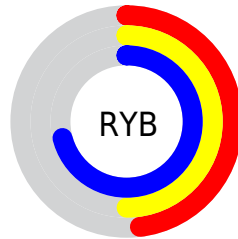
Distribution



Red (48%)

Green (50%)

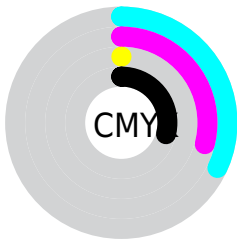
Blue (71%)



Red (48%)

Yellow (50%)

Blue (71%)

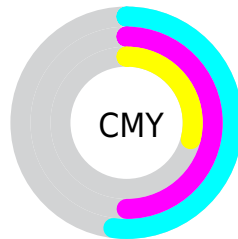


Cyan (32%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7FB4 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 7A7FB4 by changing the saturation by 10% instead.

■ 7A7FB4

■ 7A7FB4

FFFFFF

■ 606699

■ B0B4EC

■ 474E7F

■ CCCFFF

■ 2E3766

■ E8EBFF

■ 14224D

■ 000D36

■ 000221

■ 000005

■ 000000

■ 7A7FB4

■ 7A7FB4

686FB4

8C8FB4

565EB4

9EA0B4

444EB4

B0B0B4

323DB4

C2C1B4

202DB4

D4D1B4

0E1CB4

E6E2B4

0010B4

F8F2B4

FFFFB4

Harmonies

Analogous

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



4F88B6



7A7FB4



9C76A4

Triad

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



7A7FB4



AE755B



429079

Complementary

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



7A7FB4



B4AF7A

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.



648D61



7A7FB4



9C7E4F

Square

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



7A7FB4



B66F71



828751



1D9194

Rectangle

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



7A7FB4



AB7195



828751



4D9070

Sweetspot

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



7A7FB4



D3D5EB



7AB4AE



676875



F5F5F5



757575

Same Dimension

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



7A7FB4



8F97EB



917AB4



505159



000D99



00021A

Inverse Universe

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



B47A7F



EB8F97



9DB47A



595051



99000D



1A0002

Previews

White Background



This preview shows how the Hex color 7A7FB4 looks on a white background.

Color Contrast Check

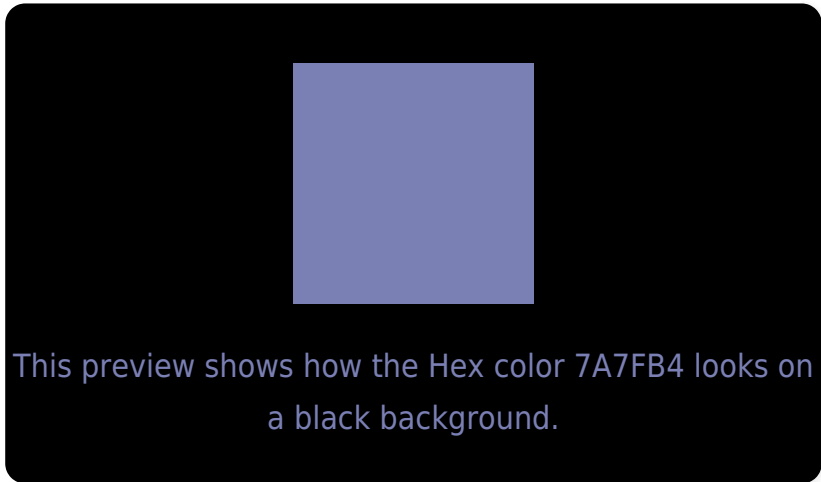
Large Text (above 18pt) WCAG AA ✓ Pass

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

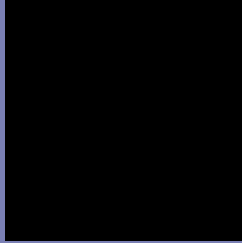
Any Text WCAG AA ✓ Pass

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 7A7FB4 Background



This preview shows how black text looks on a background with the Hex color 7A7FB4.



This preview shows how white text looks on a background with the Hex color 7A7FB4.

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
7A7FB4

Protanopia
7381B5

Deuteranopia
7381B4



Tritanopia
728690

Trichromacy



Original Color
7A7FB4

Protanomaly
7680B5

Deuteranomaly
7680B4

Tritanomaly
75839D

Monochromacy



Original Color
7A7FB4

Achromatopsia
848484

Achromatomaly
808295

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7FB4 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 #7A7FB4 looks like.

```
.text, #text, p{  
    color:#7A7FB4  
}
```

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 #7A7FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7FB4
}
```

Border

The CSS property to change the border of an element to Hex 7A7FB4 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
#7A7FB4 }
```

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

```
.border{ border-color:#7A7FB4 }
```

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

Here you see how a box with a 4 pixel #7A7FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7FB4; -webkit-box-shadow:4px 4px  
4px 4px #7A7FB4; box-shadow:4px 4px 4px  
4px #7A7FB4 }
```

Background

The CSS property to change the background color of an element to Hex 7A7FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7FB4 }
```

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

```
.background{ background-color:#7A7FB4 }
```

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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