

Converting Colors

Hex(7A7FAB)

Have a look what the booklet for
Hex(7A7FAB) contains.

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Color

Hex(7A7FAB)

Conversions

Conversions Part 1

Format	Color
Hex	7A7FAB
RGB	122, 127, 171
RGB Percent	48%, 50%, 67%
CMY	0.5216, 0.5020, 0.3294
CMYK	0.29, 0.26, 0.00, 0.33
HSL	234°, 23%, 57%
HSV	234°, 29%, 67%
XYZ	22.9661, 22.2566, 41.6136
YIQ	130.5210, -17.1040, 12.6240

Conversions

Conversions Part 2

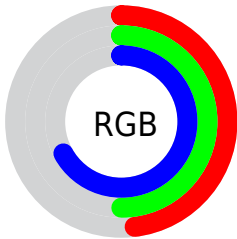
Format	Color
R_{YB}	122, 127, 171
Decimal	8028075
CIE _{Lab}	54.30, 8.42, -23.94
CIE _{LCh}	54, 25.373, 289.370
Yxy	22.2566, 0.2645, 0.2563
Android (android.graphics.Color)	4286218155 (0xFF7A7FAB)
YUV	130.5210, 19.9561, -7.4729
Hunter-Lab	47.1769, 4.3357, -19.2744

Details

The Hex color **7A7FAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABA67A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AFB4E2**, and **484E77** is the 20% darker color. If you saturate the color by 10%, you get **6970AB**, and if you desaturate by 10%, it is **8B8EAB**.

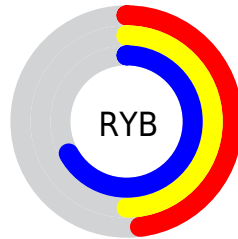
Distribution



Red (48%)

Green (50%)

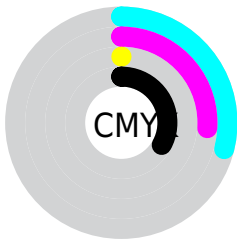
Blue (67%)



Red (48%)

Yellow (50%)

Blue (67%)

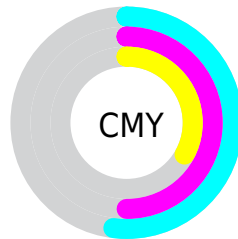


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7FAB 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 7A7FAB by changing the saturation by 10% instead.

■ 7A7FAB

■ 7A7FAB

FFFFFF

■ 606690

■ AFB4E2

■ 484E77

■ CBCFFF

■ 30375E

■ E8EBFF

■ 172246

■ 000C2F

■ 00011A

■ 000000

■ 7A7FAB

■ 7A7FAB

■ 6970AB

■ 8B8EAB

■ 5860AB

■ 9C9EAB

■ 4751AB

■ ADADAB

■ 3642AB

■ BEBCAB

■ 2532AB

■ CFCCAB

■ 1323AB

■ E1DBAB

■ 0214AB

■ F2EAAB

■ 0011AB

■ FFFAAB

■ FFFFAB

Harmonies

Analogous

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



5986AC



7A7FAB



96779F

Triad

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



7A7FAB



A87762



508D79

Complementary

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



7A7FAB



ABA67A

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.



6A8A65



7A7FAB



987E57

Square

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



7A7FAB



AE7274



838558



3C8E90

Rectangle

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



7A7FAB



A37392



838558



588D72

Sweetspot

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



7A7FAB



CACCDE



7AABA5



646570



F0F0F0



707070

Same Dimension

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



7A7FAB



929ADE



8D7AAB



4E4F57



000F96



000217

Inverse Universe

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



AB7A7F



DE929A



98AB7A



574E4F



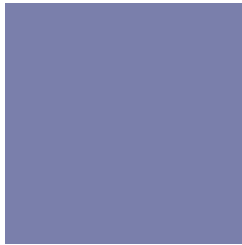
96000F



170002

Previews

White Background



This preview shows how the Hex color 7A7FAB looks on a white background.

Color Contrast Check

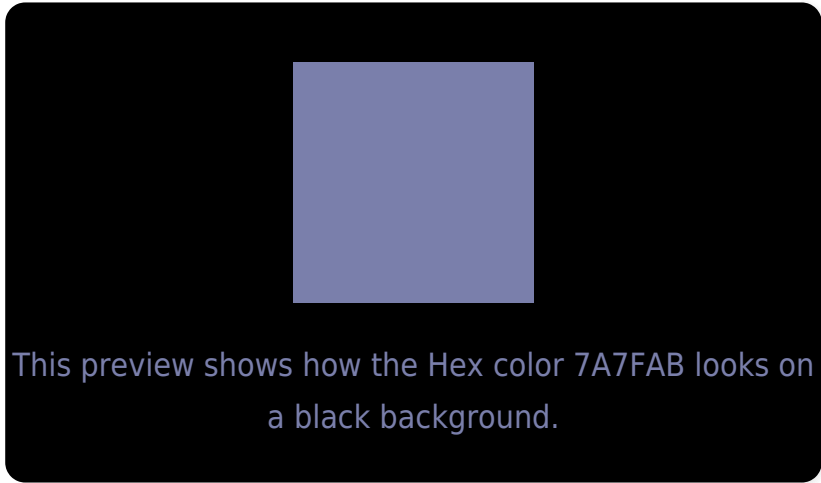
Large Text (above 18pt) WCAG AA ✓ Pass

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

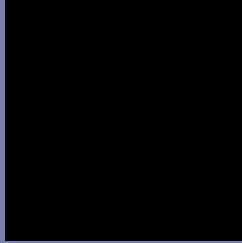
Any Text WCAG AA ✓ Pass

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 7A7FAB Background



This preview shows how black text looks on a background with the Hex color 7A7FAB.



This preview shows how white text looks on a background with the Hex color 7A7FAB.

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](#).

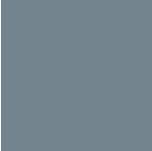
Dichromacy



Original Color
7A7FAB

Protanopia
7680AC

Deuteranopia
7880AB



Tritanopia
74848F

Trichromacy



Original Color

7A7FAB

Protanomaly

7780AC

Deuteranomaly

7980AB

Tritanomaly

768299

Monochromacy



Original Color

7A7FAB

Achromatopsia

838383

Achromatomaly

808292

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7FAB 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 #7A7FAB looks like.

```
.text, #text, p{  
    color:#7A7FAB  
}
```

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 #7A7FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7FAB
}
```

Border

The CSS property to change the border of an element to Hex 7A7FAB 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
#7A7FAB }
```

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

```
.border{ border-color:#7A7FAB }
```

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

Here you see how a box with a 4 pixel #7A7FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7FAB; -webkit-box-shadow:4px 4px  
4px 4px #7A7FAB; box-shadow:4px 4px 4px  
4px #7A7FAB }
```

Background

The CSS property to change the background color of an element to Hex 7A7FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7FAB }
```

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

```
.background{ background-color:#7A7FAB }
```

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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