

Converting Colors

Hex(7F84C3)

Have a look what the booklet for
Hex(7F84C3) contains.

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Color

Hex(7F84C3)

Conversions

Conversions Part 1

Format	Color
Hex	7F84C3
RGB	127, 132, 195
RGB Percent	50%, 52%, 76%
CMY	0.5020, 0.4824, 0.2353
CMYK	0.35, 0.32, 0.00, 0.24
HSL	236°, 36%, 63%
HSV	236°, 35%, 76%
XYZ	26.8540, 24.9547, 55.0311
YIQ	137.6870, -23.2030, 18.5330

Conversions

Conversions Part 2

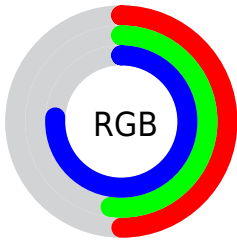
Format	Color
RYB	127, 132, 195
Decimal	8357059
CIELab	57.03, 13.30, -33.40
CIELCh	57, 35.946, 291.716
Yxy	24.9547, 0.2513, 0.2336
Android (android.graphics.Color)	4286547139 (0xFF7F84C3)
YUV	137.6870, 28.2553, -9.3725
Hunter-Lab	49.9547, 8.5351, -30.3469

Details

The Hex color **7F84C3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3BE7F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B6B9FC**, and **4B538D** is the 20% darker color. If you saturate the color by 10%, you get **6C72C3**, and if you desaturate by 10%, it is **9396C3**.

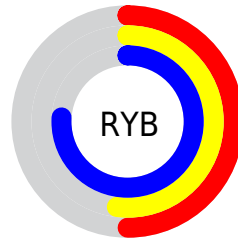
Distribution



Red (50%)

Green (52%)

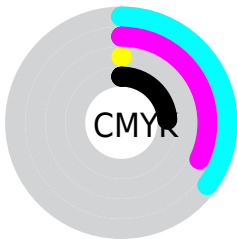
Blue (76%)



Red (50%)

Yellow (52%)

Blue (76%)

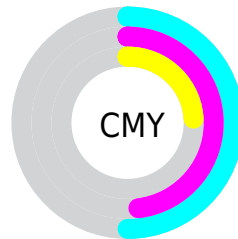


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (24%)



Cyan (50%)

Magenta (48%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F84C3 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 7F84C3 by changing the saturation by 10% instead.

■ 7F84C3

■ 7F84C3

FFFFFF

■ 656BA8

■ B6B9FC

■ 4B538D

■ D2D5FF

■ 313C73

■ EFF1FF

■ 15265A

■ 001342

■ 00032C

■ 000116

■ 000000

■ 7F84C3

■ 7F84C3

6C72C3

9396C3

5860C3

A6A8C3

454EC3

BABAC3

313CC3

CDCCC3

1E2AC3

E1DEC3

0A18C3

F4F0C3

000EC3

FFFFC3

Harmonies

Analogous

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



468FC6



7F84C3



A878B0

Triad

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



7F84C3



BB7959



33997F

Complementary

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



7F84C3



C3BE7F

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.



619561



7F84C3



A4844A

Square

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



7F84C3



C57173



868E4D



00999F

Rectangle

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



7F84C3



B9729D



868E4D



459874

Sweetspot

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



7F84C3



E3E5FC



7FC3BD



707180



000000



808080

Same Dimension

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



7F84C3



929AFC



9B7FC3



575861



000CA1



000221

Inverse Universe

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



C37F84



FC929A



A7C37F



615758



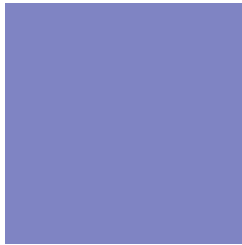
A1000C



210002

Previews

White Background



This preview shows how the Hex color 7F84C3 looks on a white background.

Color Contrast Check

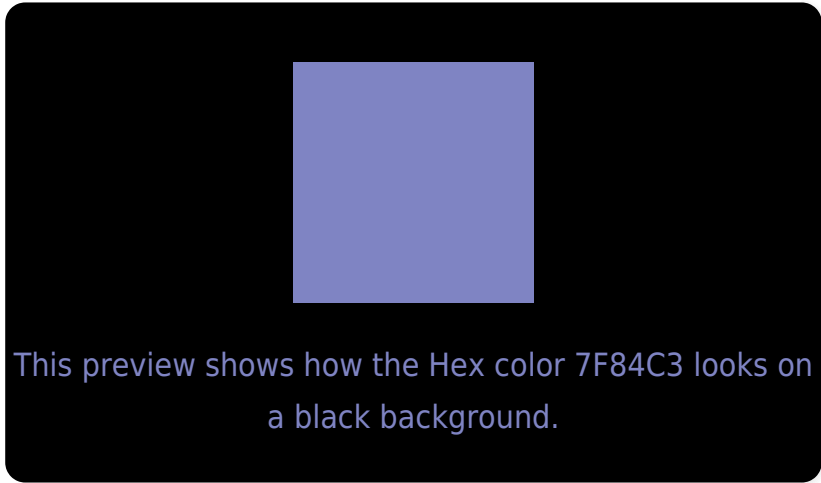
Large Text (above 18pt) WCAG AA ✓ Pass

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

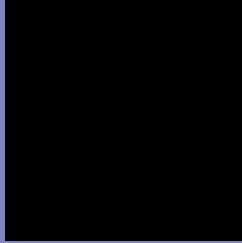
Any Text WCAG AA ✓ Pass

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 7F84C3 Background



This preview shows how black text looks on a background with the Hex color 7F84C3.



This preview shows how white text looks on a background with the Hex color 7F84C3.

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
7F84C3

Protanopia
7587C5

Deuteranopia
7387C2



Tritanopia
758D98

Trichromacy



Original Color
7F84C3

Protanomaly
7986C4

Deuteranomaly
7786C2

Tritanomaly
798AA8

Monochromacy



Original Color
7F84C3

Achromatopsia
8A8A8A

Achromatomaly
86889F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F84C3 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 #7F84C3 looks like.

```
.text, #text, p{  
    color:#7F84C3  
}
```

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 #7F84C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F84C3
}
```

Border

The CSS property to change the border of an element to Hex 7F84C3 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
#7F84C3 }
```

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

```
.border{ border-color:#7F84C3 }
```

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

Here you see how a box with a 4 pixel #7F84C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F84C3; -webkit-box-shadow:4px 4px  
4px 4px #7F84C3; box-shadow:4px 4px 4px  
4px #7F84C3 }
```

Background

The CSS property to change the background color of an element to Hex 7F84C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F84C3 }
```

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

```
.background{ background-color:#7F84C3 }
```

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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