

Converting Colors

Hex(7C84D1)

Have a look what the booklet for
Hex(7C84D1) contains.

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Color

Hex(7C84D1)

Conversions

Conversions Part 1

Format	Color
Hex	7C84D1
RGB	124, 132, 209
RGB Percent	49%, 52%, 82%
CMY	0.5137, 0.4824, 0.1804
CMYK	0.41, 0.37, 0.00, 0.18
HSL	234°, 48%, 65%
HSV	234°, 41%, 82%
XYZ	28.0721, 25.3911, 63.7430
YIQ	138.3860, -29.4850, 22.2510

Conversions

Conversions Part 2

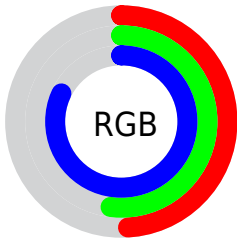
Format	Color
RYB	124, 131, 209
Decimal	8160465
CIELab	57.45, 16.36, -40.66
CIELCh	57, 43.833, 291.921
Yxy	25.3911, 0.2395, 0.2166
Android (android.graphics.Color)	4286350545 (0xFF7C84D1)
YUV	138.3860, 34.8127, -12.6165
Hunter-Lab	50.3895, 11.2608, -39.7294

Details

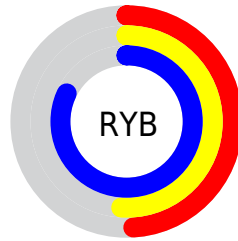
The Hex color **7C84D1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D1C97C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B3B9FF**, and **46539A** is the 20% darker color. If you saturate the color by 10%, you get **6771D1**, and if you desaturate by 10%, it is **9197D1**.

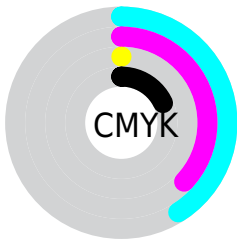
Distribution



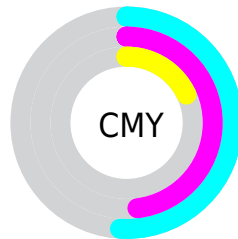
- Red (49%)
- Green (52%)
- Blue (82%)



- Red (49%)
- Yellow (51%)
- Blue (82%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (48%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C84D1 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 7C84D1 by changing the saturation by 10% instead.

■ 7C84D1

■ 7C84D1

FFFFFF

■ 616BB5

■ B3B9FF

■ 46539A

■ D0D5FF

■ 293C80

■ EDF1FF

■ 022766

■ 00134E

■ 000136

■ 000220

■ 000004

■ 000000

 7C84D1

 7C84D1

 6771D1

 9197D1

 525ED1

 A6AAD1

 3D4BD1

 BBBDD1

 2838D1

 D0D0D1

 1325D1

 E4E3D1

 0014D1

 F9F6D1

 FFFFD1

Harmonies

Analogous

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



1E91D5



7C84D1



AF75BA

Triad

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



7C84D1



C5764F



009D7E

Complementary

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



7C84D1



D1C97C

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.



579959



7C84D1



A9843C

Square

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



7C84D1



D26B6F



859040



009DA5

Rectangle

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



7C84D1



C56DA3



859040



2B9C71

Sweetspot

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



7C84D1



E0E3FF



7CD1C9



6E6F80



000000



808080

Same Dimension

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



7C84D1



828EFF



9E7CD1



5E5F69



0010A8



000429

Inverse Universe

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



D17C84



FF828E



AFD17C



695E5F



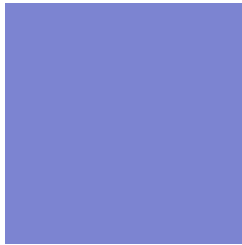
A80010



290004

Previews

White Background



This preview shows how the Hex color 7C84D1 looks on a white background.

Color Contrast Check

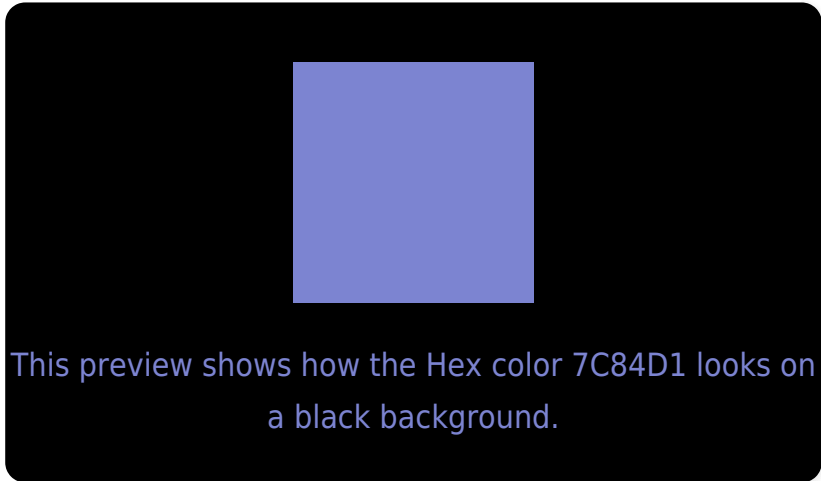
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C84D1 Background



This preview shows how black text looks on a background with the Hex color 7C84D1.



This preview shows how white text looks on a background with the Hex color 7C84D1.

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](#).

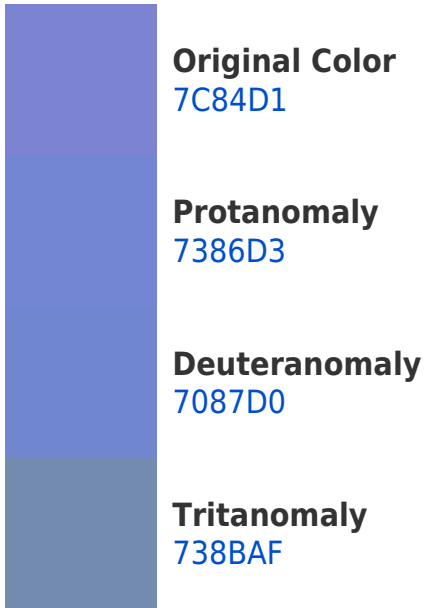
Dichromacy





Tritanopia
6E8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C84D1 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 #7C84D1 looks like.

```
.text, #text, p{  
    color:#7C84D1  
}
```

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 #7C84D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C84D1
}
```

Border

The CSS property to change the border of an element to Hex 7C84D1 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
#7C84D1 }
```

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

```
.border{ border-color:#7C84D1 }
```

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

Here you see how a box with a 4 pixel #7C84D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C84D1; -webkit-box-shadow:4px 4px  
4px 4px #7C84D1; box-shadow:4px 4px 4px  
4px #7C84D1 }
```

Background

The CSS property to change the background color of an element to Hex 7C84D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C84D1 }
```

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

```
.background{ background-color:#7C84D1 }
```

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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