

Converting Colors

Hex(7884BE)

Have a look what the booklet for
Hex(7884BE) contains.

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Color

Hex(7884BE)

Conversions

Conversions Part 1

Format	Color
Hex	7884BE
RGB	120, 132, 190
RGB Percent	47%, 52%, 75%
CMY	0.5294, 0.4824, 0.2549
CMYK	0.37, 0.31, 0.00, 0.25
HSL	230°, 35%, 61%
HSV	230°, 37%, 75%
XYZ	25.2913, 24.2133, 52.0558
YIQ	135.0240, -25.7700, 15.4940

Conversions

Conversions Part 2

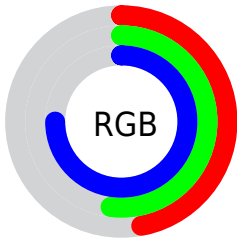
Format	Color
R_{YB}	120, 130, 190
Decimal	7898302
CIE Lab	56.30, 9.96, -31.73
CIE LCh	56, 33.256, 287.423
Yxy	24.2133, 0.2490, 0.2384
Android (android.graphics.Color)	4286088382 (0xFF7884BE)
YUV	135.0240, 27.1032, -13.1760
Hunter-Lab	49.2070, 5.6326, -28.2777

Details

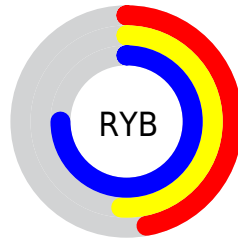
The Hex color **7884BE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BEB278**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **AEB9F7**, and **445388** is the 20% darker color. If you saturate the color by 10%, you get **6574BE**, and if you desaturate by 10%, it is **8B94BE**.

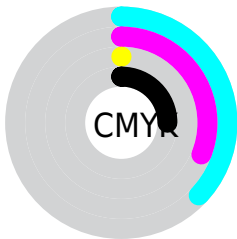
Distribution



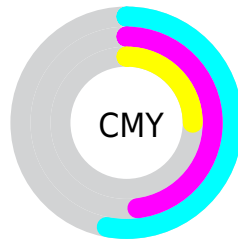
- Red (47%)
- Green (52%)
- Blue (75%)



- Red (47%)
- Yellow (51%)
- Blue (75%)



- Cyan (37%)
- Magenta (31%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7884BE 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 7884BE by changing the saturation by 10% instead.

■ 7884BE

■ 7884BE

FFFFFF

■ 5E6BA3

■ AEB9F7

■ 445388

■ CAD5FF

■ 2A3C6F

■ E7F1FF

■ 0B2656

■ 00123E

■ 000328

■ 000112

■ 000000

■ 7884BE

■ 7884BE

6574BE

8B94BE

5265BE

9EA3BE

3F55BE

B1B3BE

2C45BE

C4C3BE

1935BE

D7D3BE

0626BE

EAE2BE

0021BE

FDF2BE

FFFFBE

Harmonies

Analogous

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



458DBF



7884BE



9F79AE

Triad

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



7884BE



B8775E



429679

Complementary

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



7884BE



BEB278

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.



68925F



7884BE



A4814E

Square

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



7884BE



BF7177



898B4F



099697

Rectangle

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



7884BE



B1749E



898B4F



4F9570

Sweetspot

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



7884BE



DCE1F7



78BEB1



6D6F7D



FCFCFC



7D7D7D

Same Dimension

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



7884BE



8B9DF7



8E78BE



55575E



001B9E



00051F

Inverse Universe

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



BE7884



F78B9D



A8BE78



5E5557



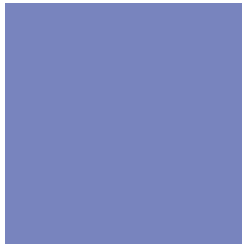
9E001B



1F0005

Previews

White Background



This preview shows how the Hex color 7884BE looks on a white background.

Color Contrast Check

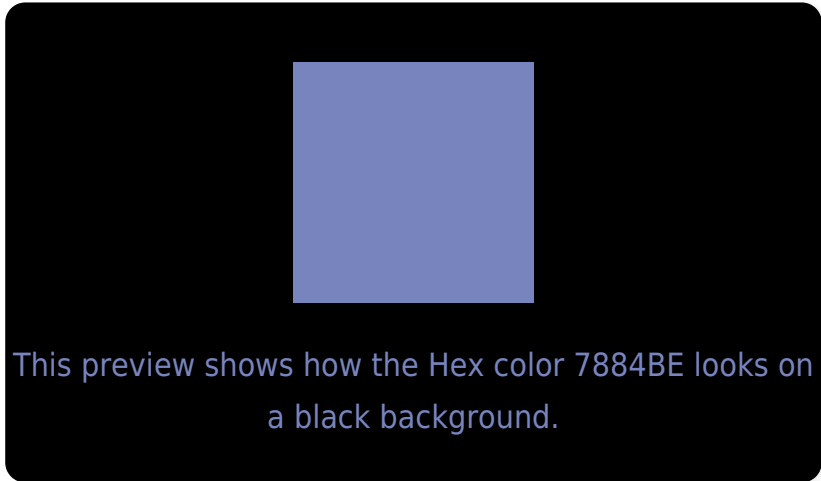
Large Text (above 18pt) WCAG AA ✓ Pass

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 7884BE Background



This preview shows how black text looks on a background with the Hex color 7884BE.



This preview shows how white text looks on a background with the Hex color 7884BE.

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
7884BE

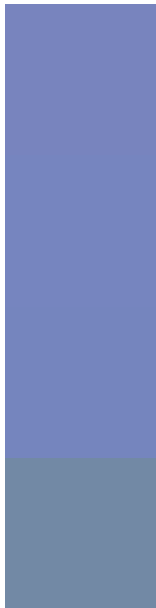
Protanopia
7585BF

Deuteranopia
7385BE



Tritanopia
6F8C97

Trichromacy



Original Color
7884BE

Protanomaly
7685BF

Deuteranomaly
7585BE

Tritanomaly
7289A5

Monochromacy



Original Color
7884BE

Achromatopsia
878787

Achromatomaly
82869B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7884BE 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 #7884BE looks like.

```
.text, #text, p{  
    color:#7884BE  
}
```

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 #7884BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7884BE
}
```

Border

The CSS property to change the border of an element to Hex 7884BE 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".

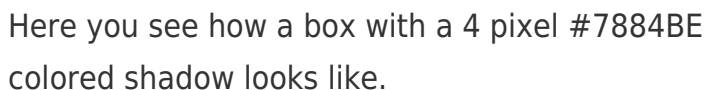
```
.border, #border, table{ border:4px solid
#7884BE }
```

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

```
.border{ border-color:#7884BE }
```

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

Here you see how a box with a 4 pixel #7884BE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7884BE; -webkit-box-shadow:4px 4px  
4px 4px #7884BE; box-shadow:4px 4px 4px  
4px #7884BE }
```

Background

The CSS property to change the background color of an element to Hex 7884BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7884BE }
```

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

```
.background{ background-color:#7884BE }
```

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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