

Converting Colors

Hex(8748B1)

Have a look what the booklet for
Hex(8748B1) contains.

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Color

Hex(8748B1)

Conversions

Conversions Part 1

Format	Color
Hex	8748B1
RGB	135, 72, 177
RGB Percent	53%, 28%, 69%
CMY	0.4706, 0.7176, 0.3059
CMYK	0.24, 0.59, 0.00, 0.31
HSL	276°, 42%, 49%
HSV	276°, 59%, 69%
XYZ	20.2449, 12.9600, 43.0295
YIQ	102.8070, 3.8430, 46.0110

Conversions

Conversions Part 2

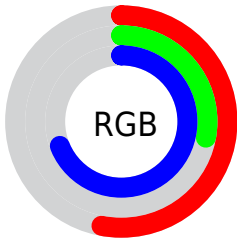
Format	Color
R_{YB}	135, 72, 177
Decimal	8865969
CIE _{Lab}	42.70, 45.57, -45.56
CIE _{LCh}	43, 64.439, 315.011
Yxy	12.9600, 0.2656, 0.1700
Android (android.graphics.Color)	4287056049 (0xFF8748B1)
YUV	102.8070, 36.5771, 28.2333
Hunter-Lab	35.9999, 37.3810, -45.6673

Details

The Hex color **8748B1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **72B148**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BF7BE9**, and **51147C** is the 20% darker color. If you saturate the color by 10%, you get **8036B1**, and if you desaturate by 10%, it is **8E5AB1**.

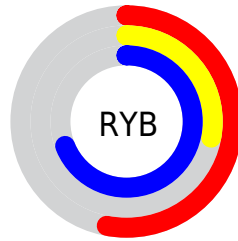
Distribution



Red (53%)

Green (28%)

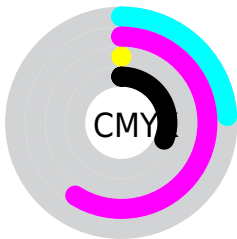
Blue (69%)



Red (53%)

Yellow (28%)

Blue (69%)

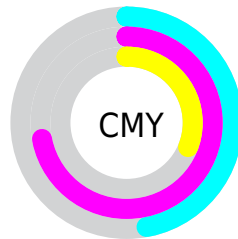


Cyan (24%)

Magenta (59%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (72%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8748B1 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 8748B1 by changing the saturation by 10% instead.

8748B1

8748B1

FFFFFF

6C2F96

BF7BE9

51147C

DC96FF

370062

F9B1FF

1E004A

FFCEFF

000032

FFEAFF

00021C

000000

8748B1

8748B1

8036B1

8E5AB1

7925B1

956BB1

7213B1

9C7DB1

6B01B1

A38FB1

6A00B1

AAA1B1

B1B2B1

B9C4B1

C0D6B1

C7E7B1

Harmonies

Analogous

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



0062CD



8748B1



B52882

Triad

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



8748B1



905900



007C7F

Complementary

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



8748B1



72B148

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.



007A47



8748B1



626B00

Square

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



8748B1



B23E19



187507



007AB0

Rectangle

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



8748B1



C01E5E



187507



007C6D

Sweetspot

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



8748B1



D5BCE6



4872B1



695A73



F2F2F2



737373

Same Dimension

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



8748B1



A443E6



B148A7



565059



5C0099



0F001A

Inverse Universe

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



B14872



E64384



48B152



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 8748B1 looks on a white background.

Color Contrast Check

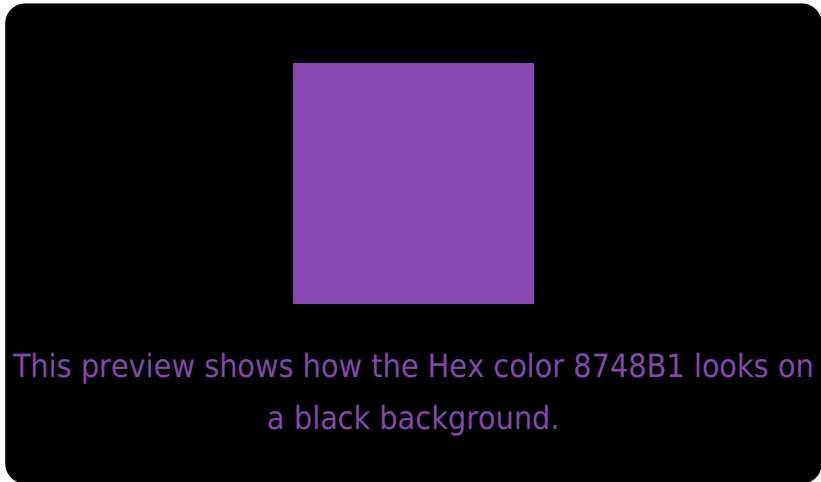
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

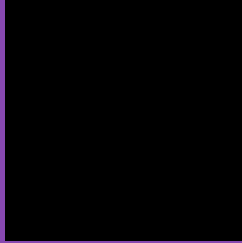
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8748B1 Background



This preview shows how black text looks on a background with the Hex color 8748B1.

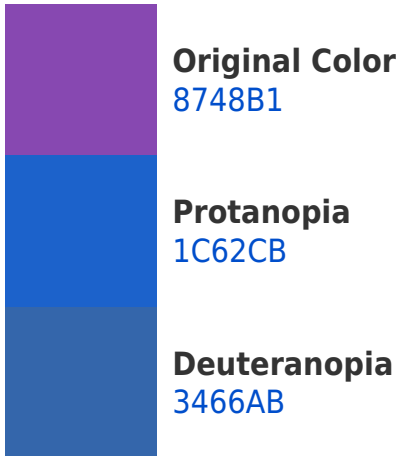


This preview shows how white text looks on a background with the Hex color 8748B1.

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
7A5D64

Trichromacy



Original Color
8748B1



Protanomaly
4359C2



Deuteranomaly
525BAD



Tritanomaly
7F5580

Monochromacy



Original Color
8748B1



Achromatopsia
676767



Achromatomaly
735C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 8748B1 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 #8748B1 looks like.

```
.text, #text, p{  
    color:#8748B1  
}
```

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 #8748B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8748B1
}
```

Border

The CSS property to change the border of an element to Hex 8748B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

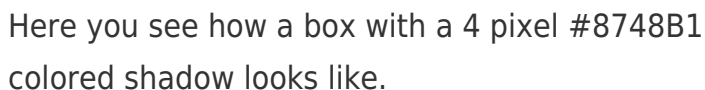
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8748B1 }
```

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

```
.border{ border-color:#8748B1 }
```

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



Here you see how a box with a 4 pixel #8748B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8748B1; -webkit-box-shadow:4px 4px  
4px 4px #8748B1; box-shadow:4px 4px 4px  
4px #8748B1 }
```

Background

The CSS property to change the background color of an element to Hex 8748B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8748B1 }
```

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

```
.background{ background-color:#8748B1 }
```

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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