

Converting Colors

Hex(B08686)

Have a look what the booklet for
Hex(B08686) contains.

Hex(B08686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B08686)

Conversions

Conversions Part 1

Format	Color
Hex	B08686
RGB	176, 134, 134
RGB Percent	69%, 53%, 53%
CMY	0.3098, 0.4745, 0.4745
CMYK	0.00, 0.24, 0.24, 0.31
HSL	0°, 21%, 61%
HSV	0°, 24%, 69%
XYZ	30.7327, 28.0015, 26.3393
YIQ	146.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

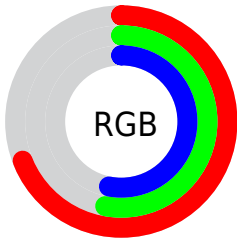
Format	Color
RYB	176, 134, 134
Decimal	11568774
CIELab	59.89, 16.07, 6.23
CIElCh	60, 17.234, 21.185
Yxy	28.0015, 0.3612, 0.3291
Android (android.graphics.Color)	4289758854 (0xFFB08686)
YUV	146.5580, -6.1911, 25.8206
Hunter-Lab	52.9165, 11.0649, 7.5298

Details

The Hex color **B08686** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86B0B0**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E8BBBB**, and **7B5454** is the 20% darker color. If you saturate the color by 10%, you get **B07474**, and if you desaturate by 10%, it is **B09898**.

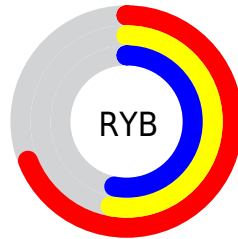
Distribution



Red (69%)

Green (53%)

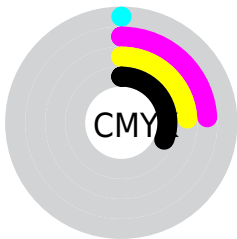
Blue (53%)



Red (69%)

Yellow (53%)

Blue (53%)

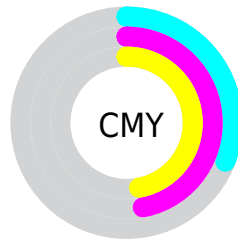


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (31%)



Cyan (31%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B08686 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 B08686 by changing the saturation by 10% instead.

 B08686

 B08686

FFFFFF

 956D6D

 E8BBBB

 7B5454

 FFD7D7

 613D3D

 FFF4F3

 482728

 311213

 1D0001

 000000

 B08686

 B08686

 B07474

 B09898

 B06363

 B0A9A9

 B05151

 B0BBBB

 B04040

 B0CCCC

 B02E2E

 B0DEDE

 B01C1C

 B0F0F0

 B00B0B

 B0FFFF

 B00000

Harmonies

Analogous

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



AC8695



B08686



AC8979

Triad

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



B08686



7F977D



7993AE

Complementary

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



B08686



86B0B0

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.



6B97A7



B08686



70998B

Square

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



B08686



919374



67999B



8D8EAC

Rectangle

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



B08686



A58C74



67999B



7394AD

Sweetspot

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



B08686



E6D5D5



B086B0



736A6A



F2F2F2



737373

Same Dimension

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



B08686



E6A3A3



B09B86



595050



990000



1A0000

Inverse Universe

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



86B0B0



A3E6E6



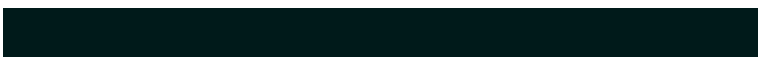
869BB0



505959



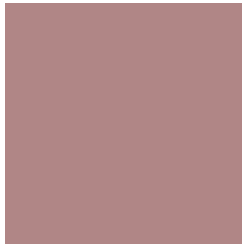
009999



001A1A

Previews

White Background



This preview shows how the Hex color B08686 looks on a white background.

Color Contrast Check

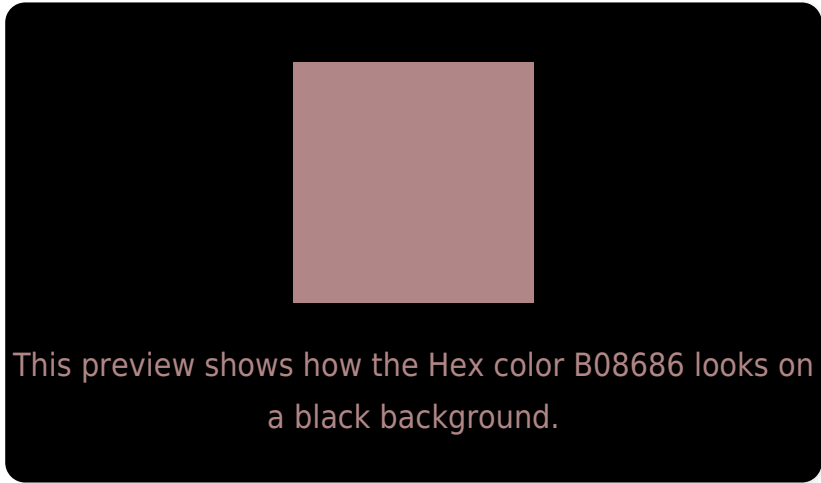
Large Text (above 18pt) WCAG AA ✓ Pass

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 B08686 Background



This preview shows how black text looks on a background with the Hex color B08686.

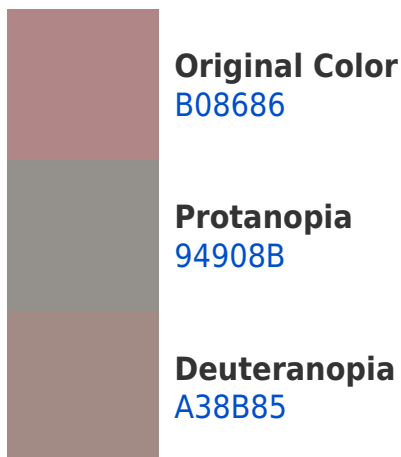


This preview shows how white text looks on a background with the Hex color B08686.

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
B1858F

Trichromacy



Original Color
B08686

Protanomaly
9E8C89

Deuteranomaly
A88985

Tritanomaly
B1858C

Monochromacy



Original Color
B08686

Achromatopsia
939393

Achromatomaly
9E8E8E

CSS Examples

Text

The CSS property to change the color of the text to Hex B08686 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 #B08686 looks like.

```
.text, #text, p{  
    color:#B08686  
}
```

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 #B08686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B08686
}
```

Border

The CSS property to change the border of an element to Hex B08686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

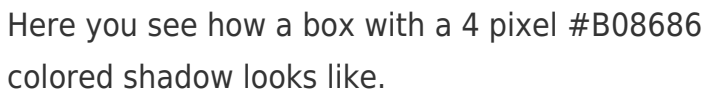
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B08686 }
```

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

```
.border{ border-color:#B08686 }
```

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



Here you see how a box with a 4 pixel #B08686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B08686; -webkit-box-shadow:4px 4px  
4px 4px #B08686; box-shadow:4px 4px 4px  
4px #B08686 }
```

Background

The CSS property to change the background color of an element to Hex B08686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B08686 }
```

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

```
.background{ background-color:#B08686 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor