

# Converting Colors

Hex(B38580)

Have a look what the booklet for  
Hex(B38580) contains.

<b>Hex(B38580)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B38580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38580
RGB	179, 133, 128
RGB Percent	70%, 52%, 50%
CMY	0.2980, 0.4784, 0.4980
CMYK	0.00, 0.26, 0.28, 0.30
HSL	6°, 25%, 60%
HSV	6°, 28%, 70%
XYZ	30.8742, 27.9173, 24.1834
YIQ	146.1840, 29.0210, 8.1970

# Conversions

## Conversions Part 2

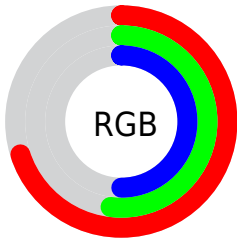
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 134, 128
Decimal	11765120
CIELab	59.81, 16.92, 9.59
CIELCh	60, 19.454, 29.548
Yxy	27.9173, 0.3721, 0.3365
Android (android.graphics.Color)	4289955200 (0xFFB38580)
YUV	146.1840, -8.9647, 28.7796
Hunter-Lab	52.8368, 11.8388, 9.8487

# Details

The Hex color **B38580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80AEB3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ECBAB5**, and **7D534F** is the 20% darker color. If you saturate the color by 10%, you get **B3756E**, and if you desaturate by 10%, it is **B39592**.

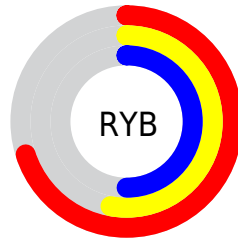
# Distribution



Red (70%)

Green (52%)

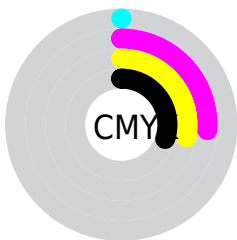
Blue (50%)



Red (70%)

Yellow (53%)

Blue (50%)

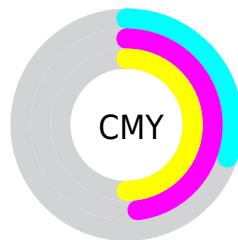


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (48%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38580 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 B38580 by changing the saturation by 10% instead.





B38580



B38580

FFFFFF



986C67



ECBAB5



7D534F



FFD6D0



633C38



FFF3ED



4A2623



32100D



1E0001



000000



B38580



B38580



B3756E



B39592

 B3655C

 B3A5A4

 B3554A

 B3B5B6

 B34438

 B3C6C8

 B33427

 B3D6DA

 B32415

 B3E6EB

 B31403

 B3F6FD

 B31200

 B3FFFF

# Harmonies

## Analogous

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



B18491



B38580



AC8973

# Triad

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



B38580



77987E



7B92B2

# Complementary

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



B38580



80AEB3

# 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.



6897AD



B38580



679A8F

# Square

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



B38580



8B9472



6099A0



938CAE

# Rectangle

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



B38580



A38D6F



6099A0



7493B1



# Sweetspot

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



B38580



E8D5D3



B380AF



756A68



F5F5F5



757575



# Same Dimension

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



B38580



E8A199



B39E80



595150



990F00



1A0300



# Inverse Universe

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



80AEB3



99E0E8



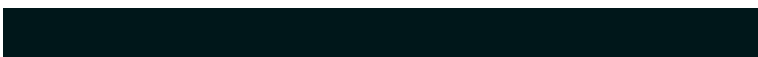
8095B3



505859



008A99



00171A



# Previews

## White Background



This preview shows how the Hex color B38580 looks on a white background.

## Color Contrast Check

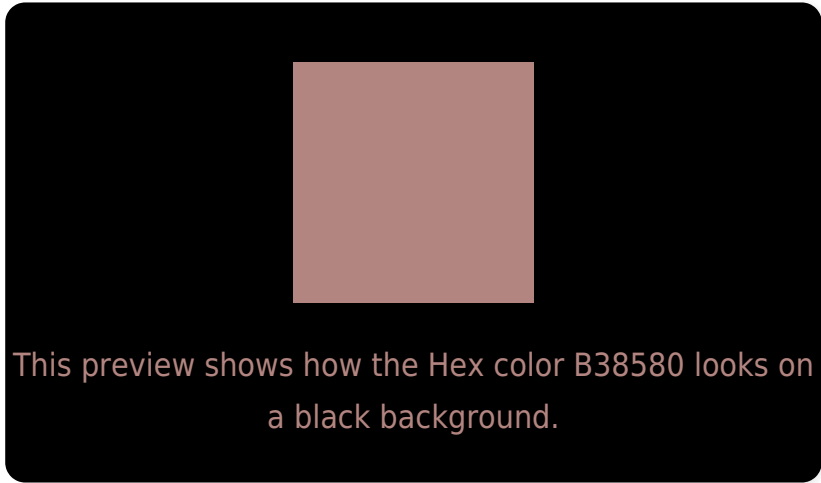
Large Text (above 18pt) WCAG AA ✓ Pass

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 B38580 Background



This preview shows how black text looks on a background with the Hex color B38580.

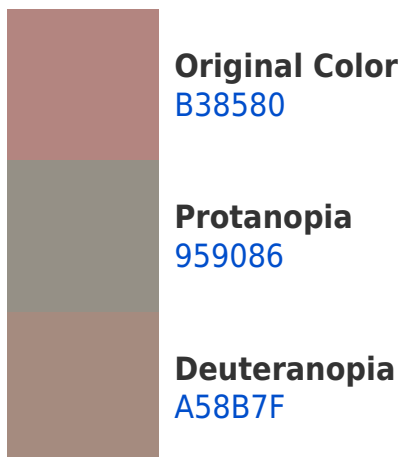



This preview shows how white text looks on a background with the Hex color B38580.

# 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**  
B4838D

# Trichromacy



**Original Color**  
B38580

**Protanomaly**  
A08C84

**Deuteranomaly**  
AA897F

**Tritanomaly**  
B48488

# Monochromacy



**Original Color**  
B38580

**Achromatopsia**  
929292

**Achromatomaly**  
9E8D8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38580 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 #B38580 looks like.

```
.text, #text, p{  
    color:#B38580  
}
```

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 #B38580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38580
}
```

## Border

The CSS property to change the border of an element to Hex B38580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

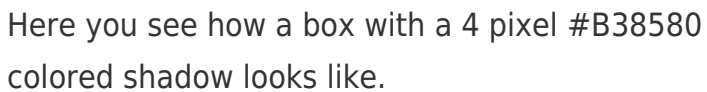
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B38580 }
```

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

```
.border{ border-color:#B38580 }
```

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



Here you see how a box with a 4 pixel #B38580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38580; -webkit-box-shadow:4px 4px  
4px 4px #B38580; box-shadow:4px 4px 4px  
4px #B38580 }
```

# Background

The CSS property to change the background color of an element to Hex B38580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38580 }
```

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

```
.background{ background-color:#B38580 }
```

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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