

# Converting Colors

Hex(B38066)

Have a look what the booklet for  
Hex(B38066) contains.

<b>Hex(B38066)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B38066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B38066
RGB	179, 128, 102
RGB Percent	70%, 50%, 40%
CMY	0.2980, 0.4980, 0.6000
CMYK	0.00, 0.28, 0.43, 0.30
HSL	20°, 34%, 55%
HSV	20°, 43%, 70%
XYZ	28.7079, 25.9814, 16.0722
YIQ	140.2850, 38.7420, 2.7260

# Conversions

## Conversions Part 2

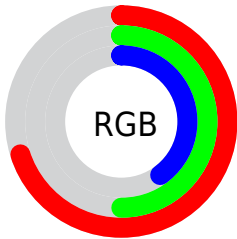
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 141, 102
Decimal	11763814
CIE Lab	58.02, 16.42, 21.92
CIE LCh	58, 27.391, 53.158
Yxy	25.9814, 0.4057, 0.3672
Android (android.graphics.Color)	4289953894 (0xFFB38066)
YUV	140.2850, -18.8745, 33.9531
Hunter-Lab	50.9719, 11.3320, 16.9853




# Details

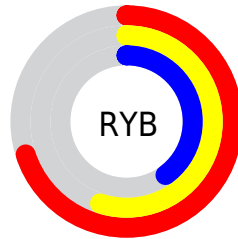
The Hex color **B38066** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6699B3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ECB599**, and **7C4F37** is the 20% darker color. If you saturate the color by 10%, you get **B37454**, and if you desaturate by 10%, it is **B38C78**.

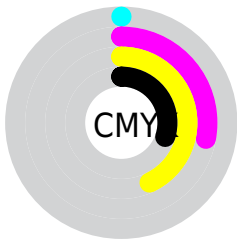
# Distribution







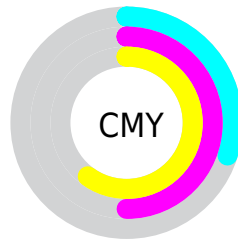
-  Red (70%)
-  Green (50%)
-  Blue (40%)






-  Red (70%)
-  Yellow (55%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (43%)
-  Black (30%)



-  Cyan (30%)
-  Magenta (50%)
-  Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38066 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 B38066 by changing the saturation by 10% instead.



 B38066

 B38066

FFFFFF

 97674E

 ECB599

 7C4F37

 FFD1B4

 623721

 FFEDD0

 48220B

 FFFFEC

 2F0D00

 120000

 000000

 B38066

 B38066

 B37454

 B38C78

 B36842

 B3988A

 B35C30

 B3A49C

 B3511E

 B3AFAE

 B3450D

 B3BBC0

 B33C00

 B3C7D1

 B3D3E3

 B3DFF5

 B3EBFF

# Harmonies

## Analogous

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



BB7A7A



B38066



A1885C

# Triad

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



B38066



519885



8787B7

# Complementary

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



B38066



6699B3

# 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.



638FBB



B38066



3D989D

# Square

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



B38066



6D956E



4395B1



A57FA8

# Rectangle

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



B38066



918D5C



4395B1



7B8ABA



# Sweetspot

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



B38066



E8D4CA



B36699



756963



F5F5F5



757575



# Same Dimension

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



B38066



E8986F



B3A666



595350



993400



1A0900



# Inverse Universe

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



6699B3



6FBFE8



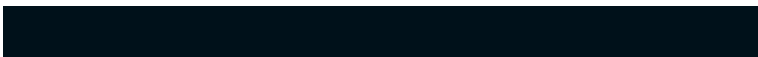
6673B3



505659



006599



00111A



# Previews

## White Background



This preview shows how the Hex color B38066 looks on a white background.

## Color Contrast Check

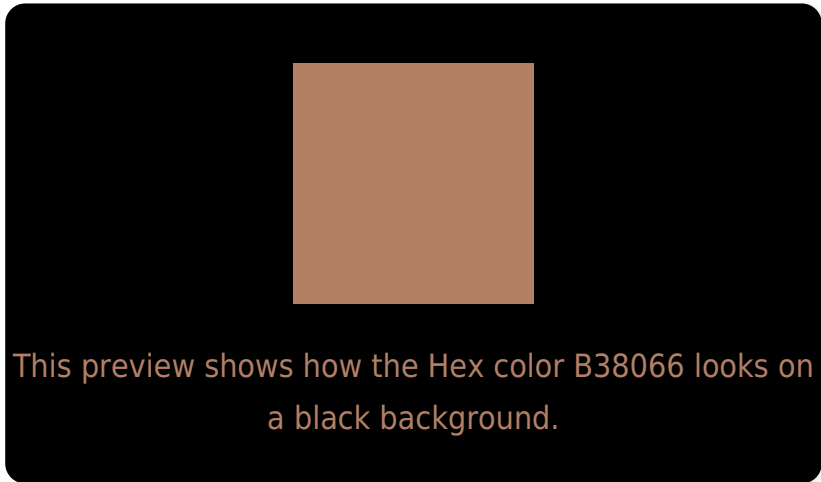
Large Text (above 18pt) WCAG AA ✓ Pass

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

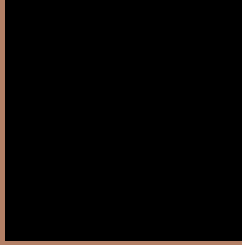
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B38066 Background



This preview shows how black text looks on a background with the Hex color B38066.



This preview shows how white text looks on a background with the Hex color B38066.

# 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



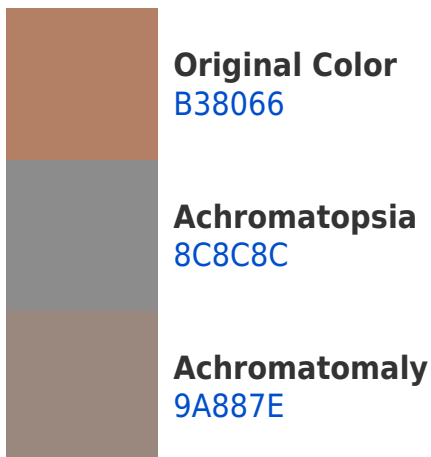


**Tritanopia**  
B67C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38066 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 #B38066 looks like.

```
.text, #text, p{  
    color:#B38066  
}
```

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 #B38066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38066
}
```

## Border

The CSS property to change the border of an element to Hex B38066 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
#B38066 }
```

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

```
.border{ border-color:#B38066 }
```

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

Here you see how a box with a 4 pixel #B38066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38066; -webkit-box-shadow:4px 4px  
4px 4px #B38066; box-shadow:4px 4px 4px  
4px #B38066 }
```

# Background

The CSS property to change the background color of an element to Hex B38066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38066 }
```

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

```
.background{ background-color:#B38066 }
```

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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