

# Converting Colors

Hex(B88762)

Have a look what the booklet for  
Hex(B88762) contains.

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**Color**

**Hex(B88762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B88762
RGB	184, 135, 98
RGB Percent	72%, 53%, 38%
CMY	0.2784, 0.4706, 0.6157
CMYK	0.00, 0.27, 0.47, 0.28
HSL	26°, 38%, 55%
HSV	26°, 47%, 72%
XYZ	30.6357, 28.4001, 15.4224
YIQ	145.4330, 41.0810, -1.1190

# Conversions

## Conversions Part 2

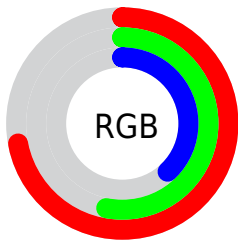
Format	Color
<a href="#">RYB</a>	<a href="#">184, 163, 98</a>
Decimal	<a href="#">12093282</a>
CIELab	<a href="#">60.25, 14.16, 27.21</a>
CIELCh	<a href="#">60, 30.674, 62.502</a>
Yxy	<a href="#">28.4001, 0.4114, 0.3814</a>
Android (android.graphics.Color)	<a href="#">4290283362</a> ( <a href="#">0xFFB88762</a> )
YUV	<a href="#">145.4330, -23.3845, 33.8233</a>
Hunter-Lab	<a href="#">53.2918, 9.3533, 20.1460</a>

# Details

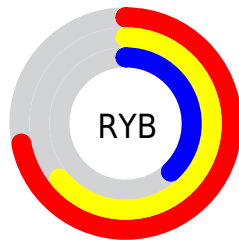
The Hex color **B88762** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6293B8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F2BC95**, and **815533** is the 20% darker color. If you saturate the color by 10%, you get **B87D50**, and if you desaturate by 10%, it is **B89174**.

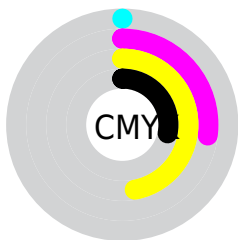
# Distribution



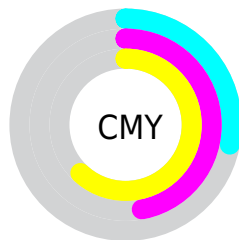
- Red (72%)
- Green (53%)
- Blue (38%)



- Red (72%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (28%)



- Cyan (28%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B88762 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 B88762 by changing the saturation by 10% instead.



 B88762

 B88762

FFFFFF

 9C6E4A

 F2BC95

 815533

 FFD8B0

 663E1D

 FFF5CB

 4C2805

 FFFFE8

 331300

 1C0000

 000000

 B88762

 B88762

 B87D50

 B89174

 B8723D

 B89C87

 B8682B

 B8A699

 B85D18

 B8B1AC

 B85306

 B8BBBE

 B84F00

 B8C6D0

 B8D0E3

 B8DBF5

 B8E5FF

# Harmonies

## Analogous

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



C57F76



B88762



A1905B

# Triad

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



B88762



43A093



9889BF

# Complementary

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



B88762



6293B8

# 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.



6F93C7



B88762



2E9FAD

# Square

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



B88762



659E77



459BC0



B581AB

# Rectangle

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



B88762



8F965F



459BC0



8B8DC3



# Sweetspot

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



B88762



F0DDCE



B86294



786C63



F7F7F7



787878



# Same Dimension

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



B88762



F0A369



B8B162



5C5753



9C4300



1C0C00



# Inverse Universe

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



6293B8



69B6F0



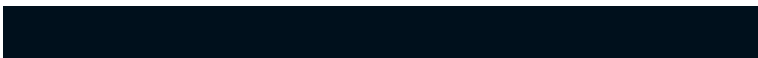
6269B8



53585C



00599C



00101C



# Previews

## White Background



This preview shows how the Hex color B88762 looks on a white background.

## Color Contrast Check

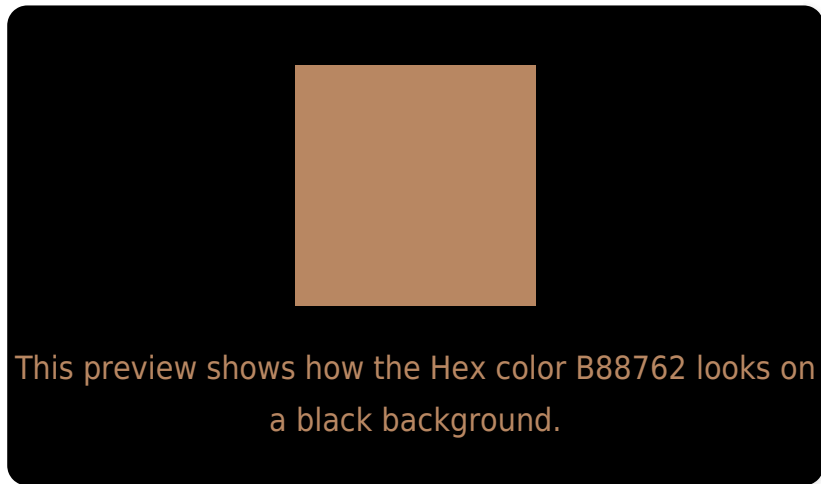
Large Text (above 18pt) WCAG AA ✓ Pass

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

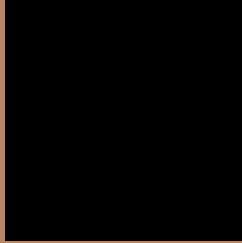
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B88762 Background



This preview shows how black text looks on a background with the Hex color B88762.



This preview shows how white text looks on a background with the Hex color B88762.

# 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**  
B88762

**Protanopia**  
9D9166

**Deuteranopia**  
AE8B61



**Tritanopia**  
BC828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B88762 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 #B88762 looks like.

```
.text, #text, p{  
    color:#B88762  
}
```

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 #B88762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B88762
}
```

## Border

The CSS property to change the border of an element to Hex B88762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

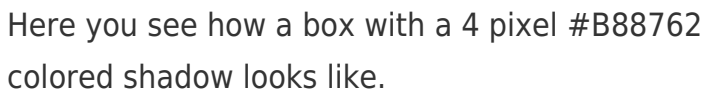
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B88762 }
```

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

```
.border{ border-color:#B88762 }
```

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



Here you see how a box with a 4 pixel #B88762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B88762; -webkit-box-shadow:4px 4px  
4px 4px #B88762; box-shadow:4px 4px 4px  
4px #B88762 }
```

# Background

The CSS property to change the background color of an element to Hex B88762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B88762 }
```

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

```
.background{ background-color:#B88762 }
```

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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