

# Converting Colors

Hex(B88142)

Have a look what the booklet for  
Hex(B88142) contains.

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**Color**

**Hex(B88142)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B88142
RGB	184, 129, 66
RGB Percent	72%, 51%, 26%
CMY	0.2784, 0.4941, 0.7412
CMYK	0.00, 0.30, 0.64, 0.28
HSL	32°, 47%, 49%
HSV	32°, 64%, 72%
XYZ	28.6008, 26.2842, 8.7202
YIQ	138.2630, 53.0030, -7.9330

# Conversions

## Conversions Part 2

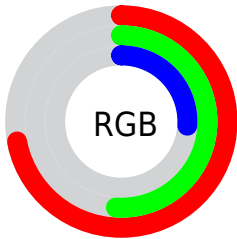
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 184, 66
Decimal	12091714
CIELab	58.31, 14.77, 41.90
CIELCh	58, 44.432, 70.582
Yxy	26.2842, 0.4497, 0.4132
Android (android.graphics.Color)	4290281794 (0xFFB88142)
YUV	138.2630, -35.6257, 40.1113
Hunter-Lab	51.2681, 9.8600, 25.8031

# Details

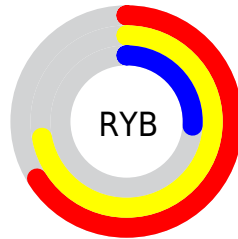
The Hex color **B88142** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4279B8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F3B674**, and **7F5011** is the 20% darker color. If you saturate the color by 10%, you get **B87830**, and if you desaturate by 10%, it is **B88A54**.

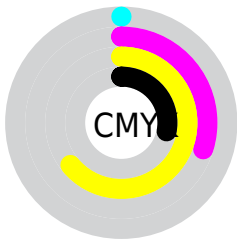
# Distribution



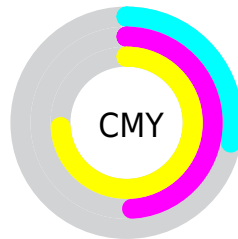
- Red (72%)
- Green (51%)
- Blue (26%)



- Red (66%)
- Yellow (72%)
- Blue (26%)



- Cyan (0%)
- Magenta (30%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (49%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B88142 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 B88142 by changing the saturation by 10% instead.



 B88142

 B88142

FFFFFF

 9B682A

 F3B674

 7F5011

 FFD18E

 643900

 FFEEA9

 492300

 FFFFC5

 2F0F00

 FFFFEE

 120000

FFFFFFE

 000000


 B88142

 B88142

 B87830

 B88A54

 B8701D

 B89267

 B8670B

 B89B79

 B86200

 B8A38C

 B8AC9E

 B8B4B0

 B8BDC3

 B8C6D5

 B8CEE8

# Harmonies

## Analogous

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



CF735B



B88142



968E3C

# Triad

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



B88142



00A099



A17CC8

# Complementary

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



B88142



4279B8

# 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.



638CD9



B88142



009EBE

# Square

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



B88142



2F9E71



0097D5



C76FA7

# Rectangle

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



B88142



7B9646



0097D5



9082CF



# Sweetspot

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



B88142



F0DAC2



B84279



786B5C



F7F7F7



787878



# Same Dimension

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



B88142



F09A37



B4B842



5C5853



9C5300



1C0F00



# Inverse Universe

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



4279B8



378DF0



4642B8



53575C



00499C

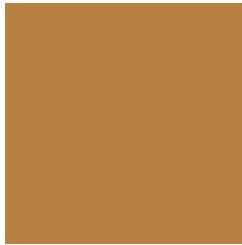


000D1C



# Previews

## White Background



This preview shows how the Hex color B88142 looks on a white background.

## Color Contrast Check

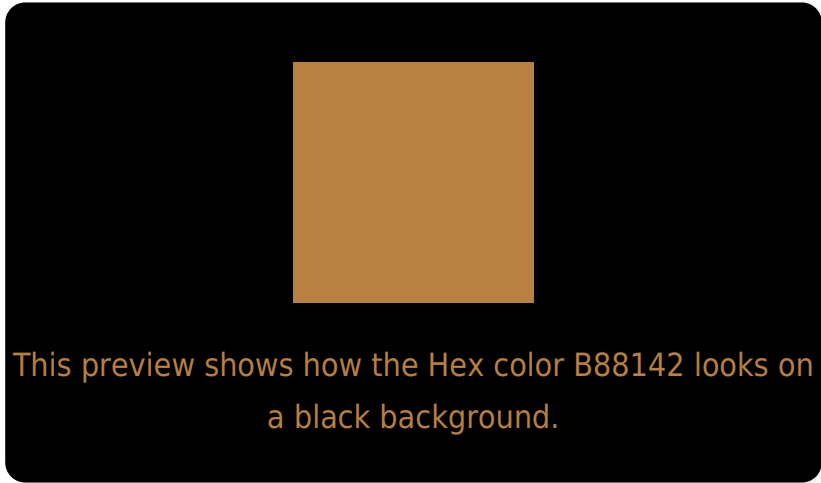
Large Text (above 18pt) WCAG AA ✓ Pass

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 B88142 Background



This preview shows how black text looks on a background with the Hex color B88142.



This preview shows how white text looks on a background with the Hex color B88142.

# 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**  
B88142

**Protanopia**  
9B8D46

**Deuteranopia**  
AE8641



**Tritanopia**  
BD7A83

# Trichromacy



**Original Color**  
B88142

**Protanomaly**  
A68945

**Deuteranomaly**  
B28441

**Tritanomaly**  
BB7D6B

# Monochromacy



**Original Color**  
B88142

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9B8770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B88142 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 #B88142 looks like.

```
.text, #text, p{  
    color:#B88142  
}
```

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 #B88142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B88142
}
```

## Border

The CSS property to change the border of an element to Hex B88142 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
#B88142 }
```

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

```
.border{ border-color:#B88142 }
```

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

Here you see how a box with a 4 pixel #B88142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B88142; -webkit-box-shadow:4px 4px  
4px 4px #B88142; box-shadow:4px 4px 4px  
4px #B88142 }
```

# Background

The CSS property to change the background color of an element to Hex B88142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B88142 }
```

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

```
.background{ background-color:#B88142 }
```

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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