

Converting Colors

Hex(B48A25)

Have a look what the booklet for
Hex(B48A25) contains.

Hex(B48A25)	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(B48A25)

Conversions

Conversions Part 1

Format	Color
Hex	B48A25
RGB	180, 138, 37
RGB Percent	71%, 54%, 15%
CMY	0.2941, 0.4588, 0.8549
CMYK	0.00, 0.23, 0.79, 0.29
HSL	42°, 66%, 43%
HSV	42°, 79%, 71%
XYZ	28.2448, 28.0138, 5.6688
YIQ	139.0440, 57.4530, -22.5070

Conversions

Conversions Part 2

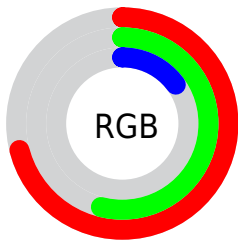
Format	Color
RYB	96, 180, 37
Decimal	11831845
CIELab	59.90, 6.50, 56.18
CIELCh	60, 56.558, 83.402
Yxy	28.0138, 0.4561, 0.4524
Android (android.graphics.Color)	4290021925 (0xFFB48A25)
YUV	139.0440, -50.3077, 35.9184
Hunter-Lab	52.9281, 2.6314, 30.6995

Details

The Hex color **B48A25** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **254FB4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EFBF5A**, and **7B5800** is the 20% darker color. If you saturate the color by 10%, you get **B48513**, and if you desaturate by 10%, it is **B48F37**.

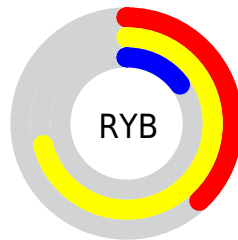
Distribution



Red (71%)

Green (54%)

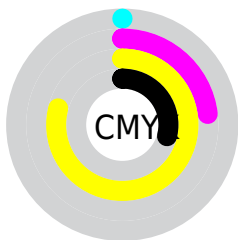
Blue (15%)



Red (38%)

Yellow (71%)

Blue (15%)

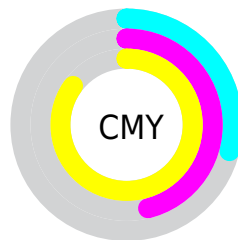


Cyan (0%)

Magenta (23%)

Yellow (79%)

Black (29%)



Cyan (29%)

Magenta (46%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B48A25 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 B48A25 by changing the saturation by 10% instead.

 B48A25

 B48A25

FFFFFF

 977101

 EFBF5A

 7B5800

 FFDB75

 5F4100

 FFF790

 442C00

 FFFFAB

 2A1700

 FFFFC7

 0F0000

 FFFFE4

 000000

 B48A25

 B48A25

 B48513

 B48F37

 B47F01

 B49549

 B47F00

 B49A5B

 B49F6D

 B4A47F

 B4AA91

 B4AFA3

 B4B4B5

 B4BAC7

Harmonies

Analogous

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



D87641



B48A25



85992C

Triad

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



B48A25



00A8B6



C272CC

Complementary

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



B48A25



254FB4

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.



7E88EC



B48A25



00A4DF

Square

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



B48A25



00A883



0099F3



E5639E

Rectangle

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



B48A25



5EA044



0099F3



B07AD9

Sweetspot

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



B48A25



EBDAB2



B42550



756B53



F5F5F5



757575

Same Dimension

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



B48A25



EBA90C



97B425



595750



996C00



1A1200

Inverse Universe

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



254FB4



0C4DEB



4225B4



505359



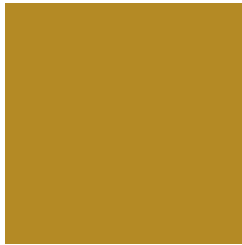
002D99



00071A

Previews

White Background



This preview shows how the Hex color B48A25 looks on a white background.

Color Contrast Check

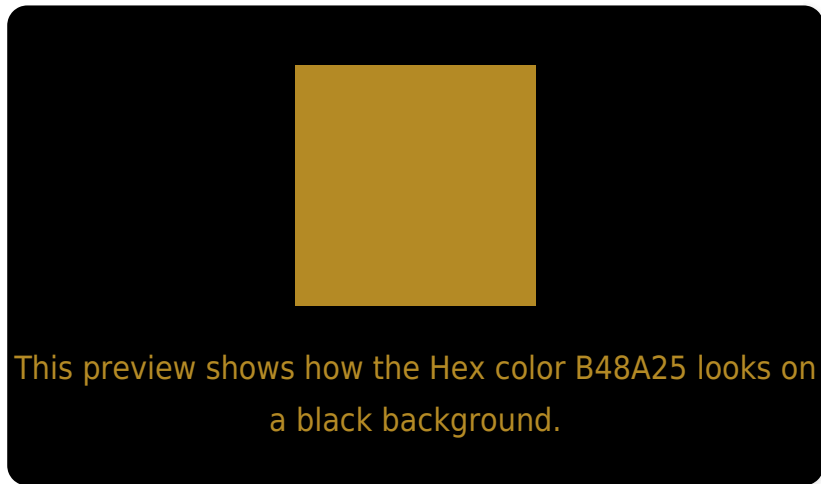
Large Text (above 18pt) WCAG AA ✓ Pass

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 B48A25 Background



This preview shows how black text looks on a background with the Hex color B48A25.



This preview shows how white text looks on a background with the Hex color B48A25.

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
B48A25

Protanopia
A29127

Deuteranopia
B68925

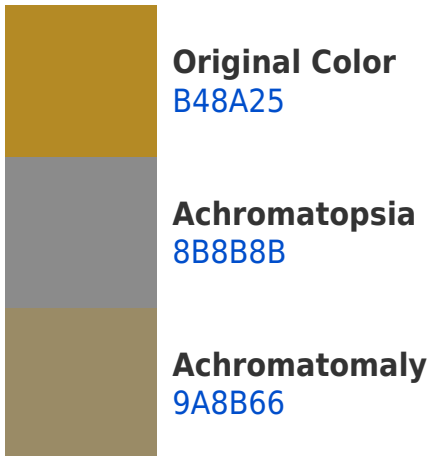


Tritanopia
BA818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B48A25 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 #B48A25 looks like.

```
.text, #text, p{  
    color:#B48A25  
}
```

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 #B48A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B48A25
}
```

Border

The CSS property to change the border of an element to Hex B48A25 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
#B48A25 }
```

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

```
.border{ border-color:#B48A25 }
```

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

Here you see how a box with a 4 pixel #B48A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B48A25; -webkit-box-shadow:4px 4px  
4px 4px #B48A25; box-shadow:4px 4px 4px  
4px #B48A25 }
```

Background

The CSS property to change the background color of an element to Hex B48A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B48A25 }
```

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

```
.background{ background-color:#B48A25 }
```

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