

Converting Colors

Hex(B49800)

Have a look what the booklet for
Hex(B49800) contains.

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Color

Hex(B49800)

Conversions

Conversions Part 1

Format	Color
Hex	B49800
RGB	180, 152, 0
RGB Percent	71%, 60%, 0%
CMY	0.2941, 0.4039, 1.0000
CMYK	0.00, 0.16, 1.00, 0.29
HSL	51°, 100%, 35%
HSV	51°, 100%, 71%
XYZ	30.0506, 32.1598, 4.6236
YIQ	143.0440, 65.4800, -41.3360

Conversions

Conversions Part 2

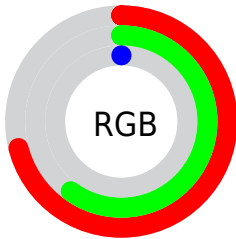
Format	Color
R _Y B	33, 180, 0
Decimal	11835392
CIE Lab	63.47, -1.94, 67.25
CIE LCh	63, 67.278, 91.652
Yxy	32.1598, 0.4496, 0.4812
Android (android.graphics.Color)	4290025472 (0xFFB49800)
YUV	143.0440, -70.5207, 32.4104
Hunter-Lab	56.7096, -4.6539, 34.8627

Details

The Hex color **B49800** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **001CB4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F0CE49**, and **7A6600** is the 20% darker color. If you saturate the color by 10%, you get **B49800**, and if you desaturate by 10%, it is **B49B12**.

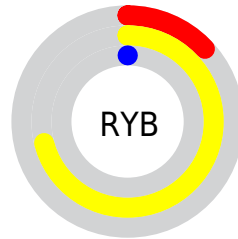
Distribution



Red (71%)

Green (60%)

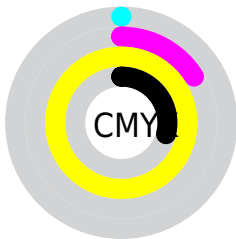
Blue (0%)



Red (13%)

Yellow (71%)

Blue (0%)

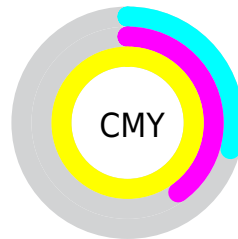


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B49800 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 B49800 by changing the saturation by 10% instead.

 B49800

 B49800

FFFFFF

 977E00

 F0CE49

 7A6600

 FFEA65

 5F4E00

 FFFF81

 433700

 FFFF9D

 2A2200

 FFFFB9

 0E0D00

 FFFFD6

 000000

 FFFFF3

 B49800

 B49B12

 B49E24

 B4A036

 B4A348

 B4A65A

 B4A96C

 B4AC7E

 B4AE90

 B4B1A2

Harmonies

Analogous

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



E3812B



B49800



77A826

Triad

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



B49800



00B5D7



E46DD4

Complementary

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



B49800



001CB4

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.



9D88FF



B49800



00AEFF

Square

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



B49800



00B59B



00A0FF



FF5D99

Rectangle

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



B49800



3DAF4A



00A0FF



D176E5

Sweetspot

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



B49800



EBE0A4



B4001E



756F4B



F5F5F5



757575

Same Dimension

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



B49800



EBC600



78B400



595850



998100



1A1600

Inverse Universe

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



001CB4



0024EB



3C00B4



505259



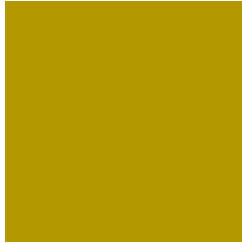
001899



00041A

Previews

White Background



This preview shows how the Hex color B49800 looks on a white background.

Color Contrast Check

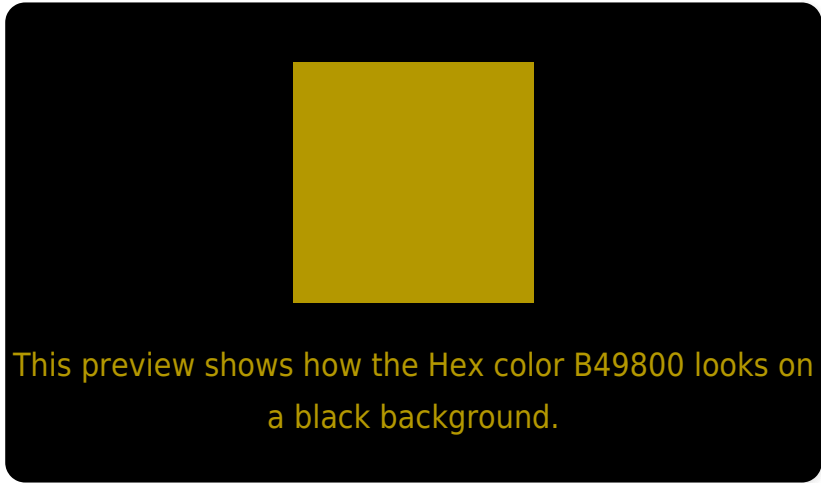
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex B49800 Background



This preview shows how black text looks on a background with the Hex color B49800.



This preview shows how white text looks on a background with the Hex color B49800.

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
B49800

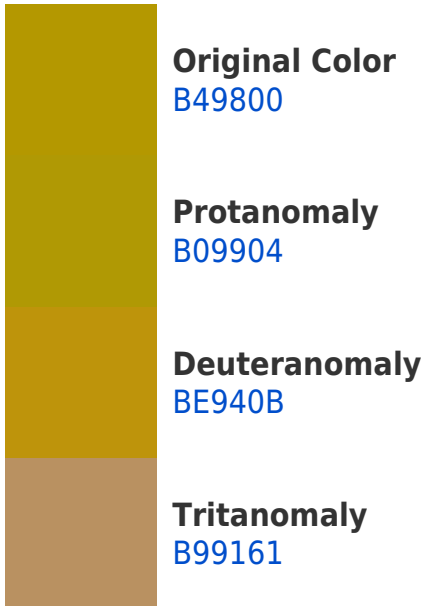
Protanopia
AE9A06

Deuteranopia
C39211

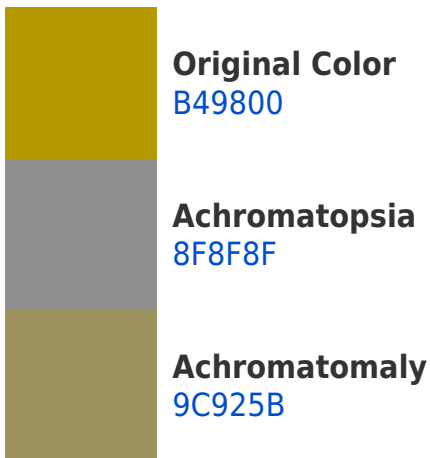


Tritanopia
BC8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B49800 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 #B49800 looks like.

```
.text, #text, p{  
    color:#B49800  
}
```

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 #B49800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B49800
}
```

Border

The CSS property to change the border of an element to Hex B49800 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
#B49800 }
```

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

```
.border{ border-color:#B49800 }
```

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

Here you see how a box with a 4 pixel #B49800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B49800; -webkit-box-shadow:4px 4px  
4px 4px #B49800; box-shadow:4px 4px 4px  
4px #B49800 }
```

Background

The CSS property to change the background color of an element to Hex B49800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B49800 }
```

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

```
.background{ background-color:#B49800 }
```

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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