

Converting Colors

Hex(B9B742)

Have a look what the booklet for
Hex(B9B742) contains.

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Color

Hex(B9B742)

Conversions

Conversions Part 1

Format	Color
Hex	B9B742
RGB	185, 183, 66
RGB Percent	73%, 72%, 26%
CMY	0.2745, 0.2824, 0.7412
CMYK	0.00, 0.01, 0.64, 0.27
HSL	59°, 47%, 49%
HSV	59°, 64%, 73%
XYZ	37.9244, 44.5746, 11.7592
YIQ	170.2600, 38.7490, -35.9630

Conversions

Conversions Part 2

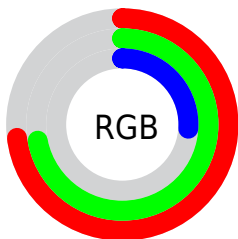
Format	Color
RYB	68, 185, 66
Decimal	12171074
CIELab	72.61, -13.85, 57.53
CIELCh	73, 59.176, 103.531
Yxy	44.5746, 0.4023, 0.4729
Android (android.graphics.Color)	4290361154 (0xFFB9B742)
YUV	170.2600, -51.4002, 12.9270
Hunter-Lab	66.7642, -15.4431, 36.2922

Details

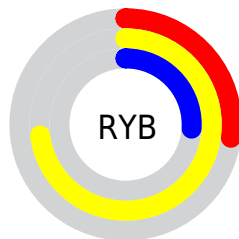
The Hex color **B9B742** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4244B9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F4EF78**, and **818200** is the 20% darker color. If you saturate the color by 10%, you get **B9B730**, and if you desaturate by 10%, it is **B9B755**.

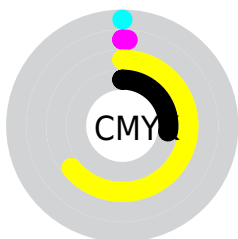
Distribution



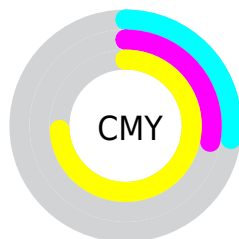
- Red (73%)
- Green (72%)
- Blue (26%)



- Red (27%)
- Yellow (73%)
- Blue (26%)



- Cyan (0%)
- Magenta (1%)
- Yellow (64%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9B742 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 B9B742 by changing the saturation by 10% instead.



B9B742



B9B742

FFFFFF



9D9C26



F4EF78



818200



FFFF93



666900



FFFFAE



4C5100



FFFFCB



313A00



FFFFE8



182500



001100



000000



B9B742



B9B742

 B9B730

 B9B755

 B9B61D

 B9B867

 B9B60A

 B9B87A

 B9B600

 B9B88C

 B9B99F

 B9B9B1

 B9B9C4

 B9B9D6

 B9BAE9

Harmonies

Analogous

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



E9A547



B9B742



7DC460

Triad

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



B9B742



00CAFB



FF87D2

Complementary

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



B9B742



4244B9

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.



D59AFF



B9B742



00C0FF

Square

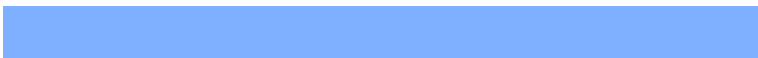
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B9B742



00CDCA



7FB0FF



FF839C

Rectangle

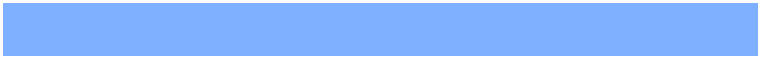
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9B742



42C980



7FB0FF



FA8CE3

Sweetspot

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



B9B742



F0EFC2



B94246



78775C



F7F7F7



787878

Same Dimension

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



B9B742



F0ED37



81B942



5C5C53



9C9900



1C1C00

Inverse Universe

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



4244B9



373AF0



7A42B9



53535C



00039C



00001C

Previews

White Background



This preview shows how the Hex color B9B742 looks on a white background.

Color Contrast Check

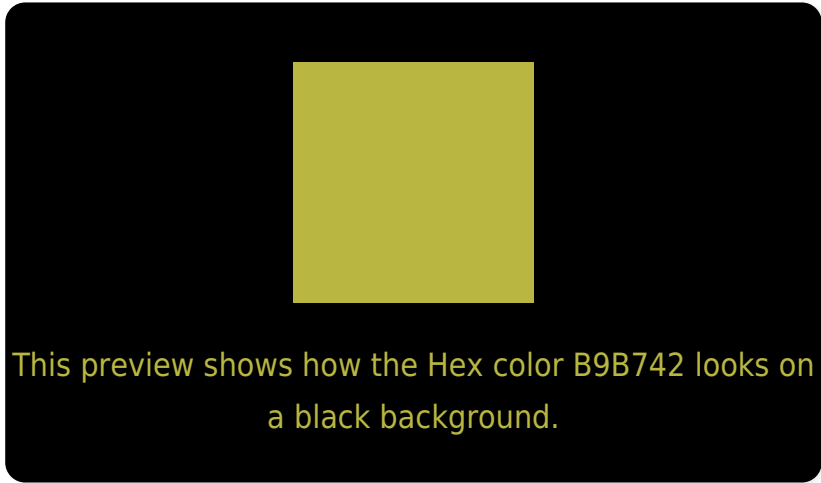
Large Text (above 18pt) WCAG AA × Fail

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 B9B742 Background



This preview shows how black text looks on a background with the Hex color B9B742.

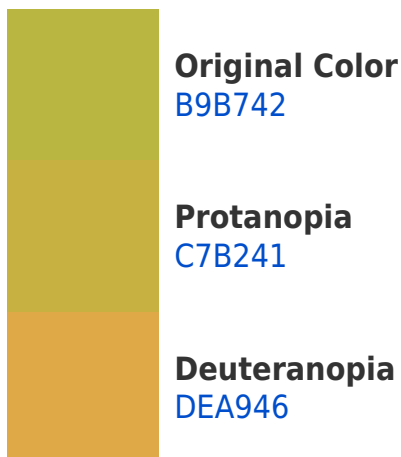


This preview shows how white text looks on a background with the Hex color B9B742.

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](#).

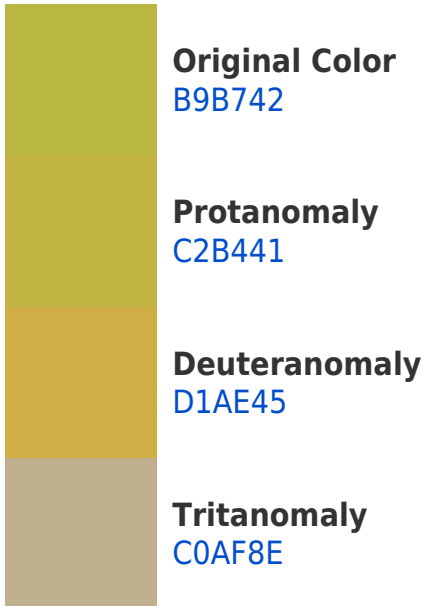
Dichromacy



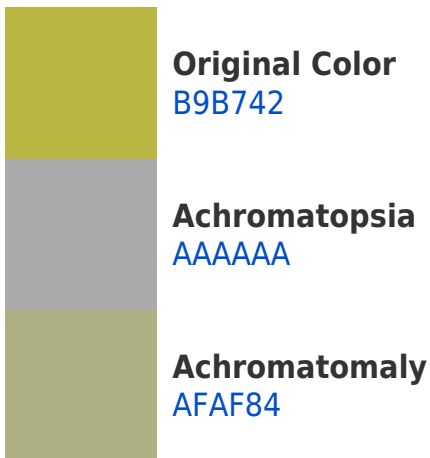


Tritanopia
C4ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9B742 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 #B9B742 looks like.

```
.text, #text, p{  
    color:#B9B742  
}
```

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 #B9B742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B742
}
```

Border

The CSS property to change the border of an element to Hex B9B742 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
#B9B742 }
```

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

```
.border{ border-color:#B9B742 }
```

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

Here you see how a box with a 4 pixel #B9B742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B742; -webkit-box-shadow:4px 4px  
4px 4px #B9B742; box-shadow:4px 4px 4px  
4px #B9B742 }
```

Background

The CSS property to change the background color of an element to Hex B9B742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B742 }
```

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

```
.background{ background-color:#B9B742 }
```

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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