

Converting Colors

Hex(B9B266)

Have a look what the booklet for
Hex(B9B266) contains.

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Color

Hex(B9B266)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B9B266 |
| RGB | 185, 178, 102 |
| RGB Percent | 73%, 70%, 40% |
| CMY | 0.2745, 0.3020, 0.6000 |
| CMYK | 0.00, 0.04, 0.45, 0.27 |
| HSL | 55°, 37%, 56% |
| HSV | 55°, 45%, 73% |
| XYZ | 38.3263, 43.1144, 18.8723 |
| YIQ | 171.4290, 28.5680, -22.1520 |

Conversions

Conversions Part 2

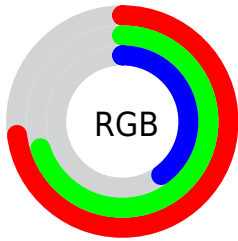
| Format | Color |
|-------------------------------------|---|
| RYB | 110, 185, 102 |
| Decimal | 12169830 |
| CIELab | 71.63, -8.33, 39.58 |
| CIELCh | 72, 40.447, 101.889 |
| Yxy | 43.1144, 0.3821, 0.4298 |
| Android (android.graphics.Color) | 4290359910 (0xFFB9B266) |
| YUV | 171.4290, -34.2285, 11.9018 |
| Hunter-Lab | 65.6615, -10.7183, 28.9221 |

Details

The Hex color **B9B266** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **666DB9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F2EA9A**, and **827E34** is the 20% darker color. If you saturate the color by 10%, you get **B9B054**, and if you desaturate by 10%, it is **B9B479**.

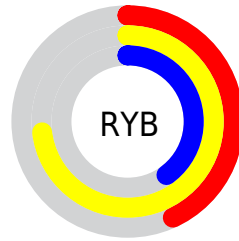
Distribution



Red (73%)

Green (70%)

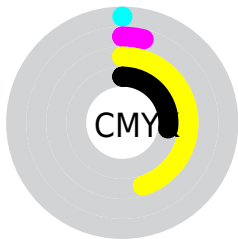
Blue (40%)



Red (43%)

Yellow (73%)

Blue (40%)

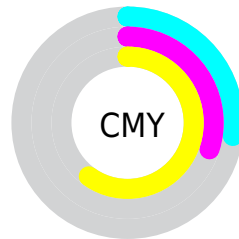


Cyan (0%)

Magenta (4%)

Yellow (45%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9B266 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 B9B266 by changing the saturation by 10% instead.

 B9B266

 B9B266

FFFFFF

 9D974D

 F2EA9A

 827E34

 FFFFB6

 68651C

 FFFFDD

 4E4D01

 FFFFEE

 363600

 1E2100

 000B00

 000000

 B9B266

 B9B266

 B9B054

 B9B479

 B9AF41

 B9B58B

 B9AD2F

 B9B79D

 B9AC1C

 B9B8B0

 B9AA09

 B9BAC3

 B9A900

 B9BBD5

 B9BDE8

 B9BEFA

 B9C0FF

Harmonies

Analogous

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



DBA56A



B9B266



90BC77

Triad

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



B9B266



00C1E0



E995C7

Complementary

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



B9B266



666DB9

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.



C6A0E7



B9B266



4DBAF5

Square

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



B9B266



21C3BD



91AEF7



F793A2

Rectangle

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



B9B266



72C08B



91AEF7



E098D3

Sweetspot

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



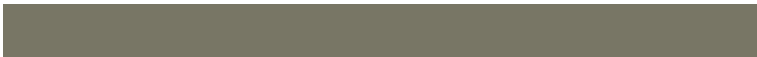
B9B266



F0EDD1



B9666E



787665



F7F7F7



787878

Same Dimension

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



B9B266



F0E56E



98B966



5C5B53



9C8E00



1C1A00

Inverse Universe

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



666DB9



6E79F0



8766B9



53535C



000D9C



00021C

Previews

White Background



This preview shows how the Hex color B9B266 looks on a white background.

Color Contrast Check

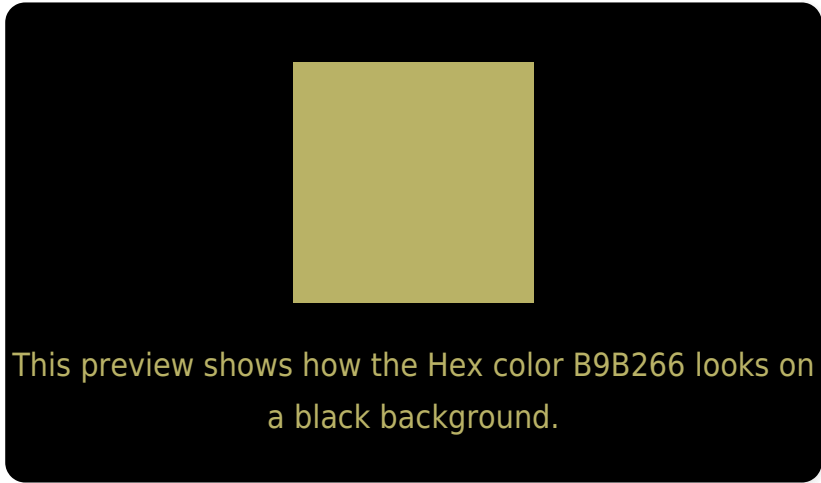
Large Text (above 18pt) WCAG AA × Fail

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

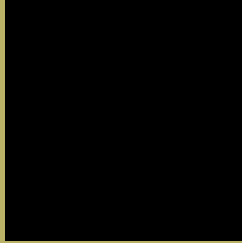
Any Text WCAG AA ✓ Pass

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 B9B266 Background



This preview shows how black text looks on a background with the Hex color B9B266.



This preview shows how white text looks on a background with the Hex color B9B266.

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
B9B266

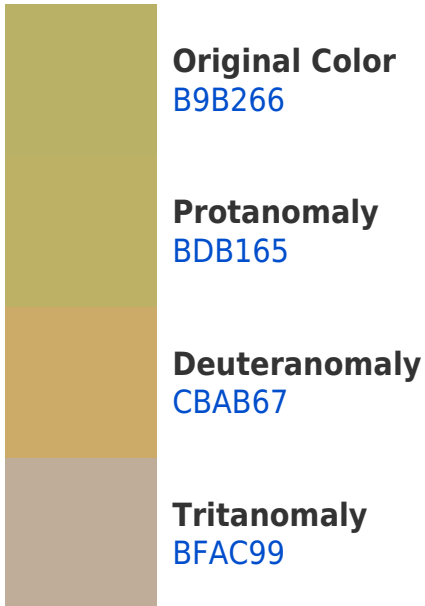
Protanopia
C0B065

Deuteranopia
D5A768

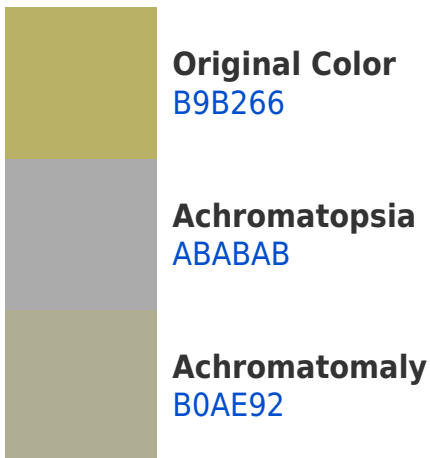


Tritanopia
C2A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9B266 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 #B9B266 looks like.

```
.text, #text, p{  
    color:#B9B266  
}
```

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 #B9B266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B266
}
```

Border

The CSS property to change the border of an element to Hex B9B266 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
#B9B266 }
```

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

```
.border{ border-color:#B9B266 }
```

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

Here you see how a box with a 4 pixel #B9B266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B266; -webkit-box-shadow:4px 4px  
4px 4px #B9B266; box-shadow:4px 4px 4px  
4px #B9B266 }
```

Background

The CSS property to change the background color of an element to Hex B9B266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B266 }
```

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

```
.background{ background-color:#B9B266 }
```

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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