

# Converting Colors

Hex(B9B725)

Have a look what the booklet for  
Hex(B9B725) contains.

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**Color**

**Hex(B9B725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B725
RGB	185, 183, 37
RGB Percent	73%, 72%, 15%
CMY	0.2745, 0.2824, 0.8549
CMYK	0.00, 0.01, 0.80, 0.27
HSL	59°, 67%, 44%
HSV	59°, 80%, 73%
XYZ	37.2750, 44.3148, 8.3393
YIQ	166.9540, 48.0580, -44.9820

# Conversions

## Conversions Part 2

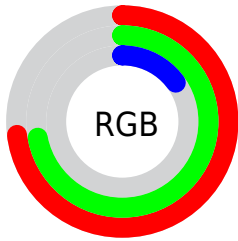
Format	Color
<a href="#">RYB</a>	<a href="#">39, 185, 37</a>
Decimal	<a href="#">12171045</a>
CIELab	<a href="#">72.44, -15.22, 67.55</a>
CIELCh	<a href="#">72, 69.238, 102.695</a>
Yxy	<a href="#">44.3148, 0.4145, 0.4928</a>
Android (android.graphics.Color)	<a href="#">4290361125 (0xFFB9B725)</a>
YUV	<a href="#">166.9540, -64.0673, 15.8263</a>
Hunter-Lab	<a href="#">66.5694, -16.5468, 39.1712</a>

# Details

The Hex color **B9B725** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2527B9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F4EF60**, and **808200** is the 20% darker color. If you saturate the color by 10%, you get **B9B712**, and if you desaturate by 10%, it is **B9B738**.

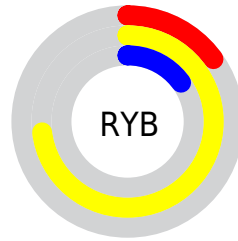
# Distribution



Red (73%)

Green (72%)

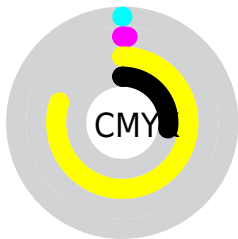
Blue (15%)



Red (15%)

Yellow (73%)

Blue (15%)

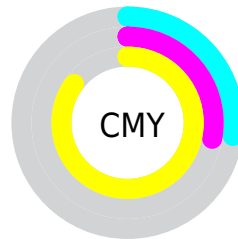


Cyan (0%)

Magenta (1%)

Yellow (80%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B725 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 B9B725 by changing the saturation by 10% instead.



 B9B725

 B9B725

FFFFFF

 9C9C00

 F4EF60

 808200

 FFFF7C

 646900

 FFFF98

 495100

 FFFFB4

 2F3B00

 FFFFD1

 162500

 FFFFEE

 001000

 000000

 B9B725

 B9B725

 B9B712

 B9B738

 B9B700

 B9B84A

 B9B85D

 B9B86F

 B9B882

 B9B994

 B9B9A7

 B9B9B9

 B9B9CC

# Harmonies

## Analogous

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



F0A130



B9B725



72C64E

# Triad

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



B9B725



00CDFE



FF7CD9

# Complementary

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



B9B725



2527B9

# 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.



D795FF



B9B725



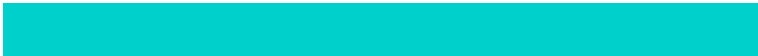
00C3FF

# Square

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



B9B725



00DOCC



65B0FF



FF7699

# Rectangle

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



B9B725



0ECC75



65B0FF



FF83ED



# Sweetspot

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



B9B725



F0EFB6



B92527



787755



F7F7F7



787878



# Same Dimension

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



B9B725



F0ED0A



71B925



5C5C53



9C9900



1C1C00



# Inverse Universe

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



2527B9



0A0DF0



6D25B9



53535C



00029C



00001C



# Previews

## White Background



This preview shows how the Hex color B9B725 looks on a white background.

## Color Contrast Check

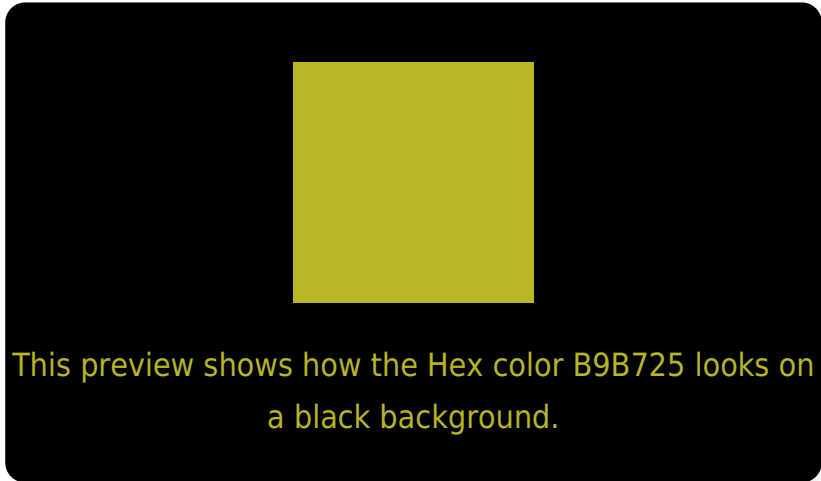
Large Text (above 18pt) WCAG AA × Fail

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 B9B725 Background



This preview shows how black text looks on a background with the Hex color B9B725.

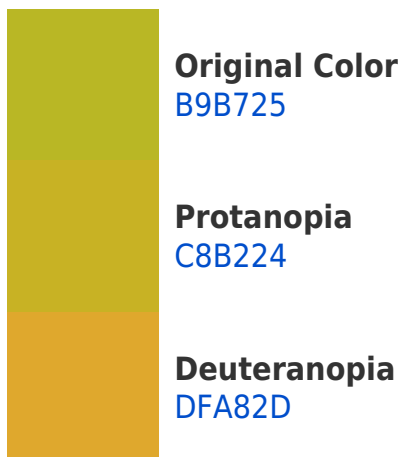


This preview shows how white text looks on a background with the Hex color B9B725.

# 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**  
C5AAB8

# Trichromacy



**Original Color**  
B9B725

**Protanomaly**  
C3B424

**Deuteranomaly**  
D1AD2A

**Tritanomaly**  
C1AF83

# Monochromacy



**Original Color**  
B9B725

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
AEAD78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B725 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 #B9B725 looks like.

```
.text, #text, p{  
    color:#B9B725  
}
```

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 #B9B725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B725
}
```

## Border

The CSS property to change the border of an element to Hex B9B725 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
#B9B725 }
```

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

```
.border{ border-color:#B9B725 }
```

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

Here you see how a box with a 4 pixel #B9B725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B725; -webkit-box-shadow:4px 4px  
4px 4px #B9B725; box-shadow:4px 4px 4px  
4px #B9B725 }
```

# Background

The CSS property to change the background color of an element to Hex B9B725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B725 }
```

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

```
.background{ background-color:#B9B725 }
```

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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