

Converting Colors

Hex(B9A437)

Have a look what the booklet for
Hex(B9A437) contains.

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Color

Hex(B9A437)

Conversions

Conversions Part 1

Format	Color
Hex	B9A437
RGB	185, 164, 55
RGB Percent	73%, 64%, 22%
CMY	0.2745, 0.3569, 0.7843
CMYK	0.00, 0.11, 0.70, 0.27
HSL	50°, 54%, 47%
HSV	50°, 70%, 73%
XYZ	33.9726, 37.1410, 8.9928
YIQ	157.8530, 47.5050, -29.4470

Conversions

Conversions Part 2

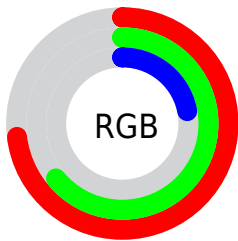
Format	Color
RYB	80, 185, 55
Decimal	12166199
CIELab	67.38, -4.57, 56.67
CIELCh	67, 56.849, 94.608
Yxy	37.1410, 0.4241, 0.4636
Android (android.graphics.Color)	4290356279 (0xFFB9A437)
YUV	157.8530, -50.7065, 23.8079
Hunter-Lab	60.9435, -7.1471, 33.9116

Details

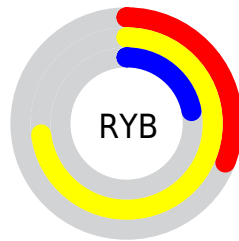
The Hex color **B9A437** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **374CB9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F4DB6C**, and **807100** is the 20% darker color. If you saturate the color by 10%, you get **B9A125**, and if you desaturate by 10%, it is **B9A74A**.

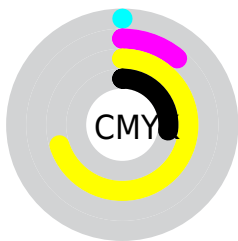
Distribution



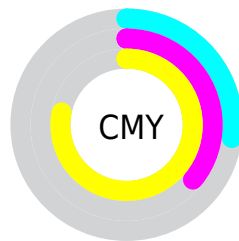
- Red (73%)
- Green (64%)
- Blue (22%)



- Red (31%)
- Yellow (73%)
- Blue (22%)



- Cyan (0%)
- Magenta (11%)
- Yellow (70%)
- Black (27%)



- Cyan (27%)
- Magenta (36%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9A437 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 B9A437 by changing the saturation by 10% instead.

 B9A437

 B9A437

FFFFFF

 9C8A1A

 F4DB6C

 807100

 FFF787

 655800

 FFFFA2

 4A4100

 FFFFBE

 302C00

 FFFFDB

 181800

 FFFFF8

 000000

 B9A437

 B9A437

 B9A125

 B9A74A

 B99E12

 B9AA5C

 B99B00

 B9AD6F

 B9B081

 B9B394

 B9B6A6

 B9B9B9

 B9BCCB

 B9BFDD

Harmonies

Analogous

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



E39146



B9A437



84B24B

Triad

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



B9A437



00BCDD



E97FD1

Complementary

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



B9A437



374CB9

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.



B193F9



B9A437



00B5FF

Square

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



B9A437



00BDAB



4BA7FF



FF769E

Rectangle

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



B9A437



56B866



4BA7FF



DA85E0

Sweetspot

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



B9A437



F0E8BD



B9374D



78735A



F7F7F7



787878

Same Dimension

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



B9A437



F0CF26



8EB937



5C5A53



9C8200



1C1800

Inverse Universe

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



374CB9



2647F0



6237B9



53545C



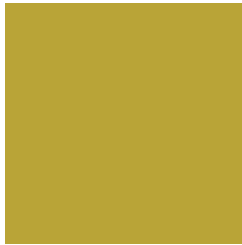
00199C



00051C

Previews

White Background



This preview shows how the Hex color B9A437 looks on a white background.

Color Contrast Check

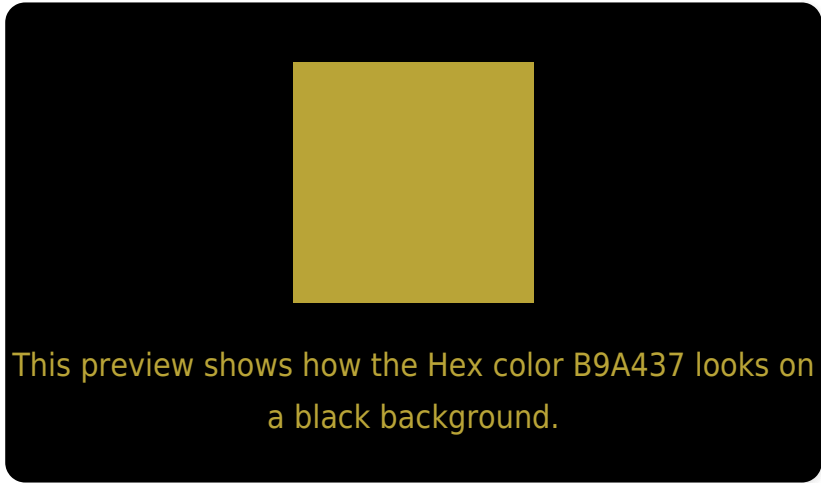
Large Text (above 18pt) WCAG AA × Fail

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 B9A437 Background



This preview shows how black text looks on a background with the Hex color B9A437.



This preview shows how white text looks on a background with the Hex color B9A437.

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
B9A437

Protanopia
B8A437

Deuteranopia
CD9C3A

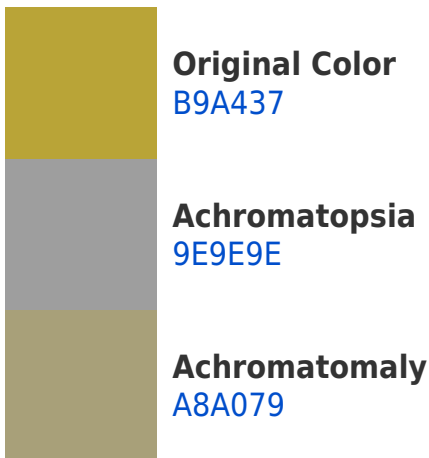


Tritanopia
C299A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9A437 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 #B9A437 looks like.

```
.text, #text, p{  
    color:#B9A437  
}
```

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 #B9A437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A437
}
```

Border

The CSS property to change the border of an element to Hex B9A437 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
#B9A437 }
```

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

```
.border{ border-color:#B9A437 }
```

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

Here you see how a box with a 4 pixel #B9A437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A437; -webkit-box-shadow:4px 4px  
4px 4px #B9A437; box-shadow:4px 4px 4px  
4px #B9A437 }
```

Background

The CSS property to change the background color of an element to Hex B9A437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A437 }
```

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

```
.background{ background-color:#B9A437 }
```

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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