

Converting Colors

Hex(B9A342)

Have a look what the booklet for
Hex(B9A342) contains.

Hex(B9A342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9A342)

Conversions

Conversions Part 1

Format	Color
Hex	B9A342
RGB	185, 163, 66
RGB Percent	73%, 64%, 26%
CMY	0.2745, 0.3608, 0.7412
CMYK	0.00, 0.12, 0.64, 0.27
HSL	49°, 47%, 49%
HSV	49°, 64%, 73%
XYZ	34.0881, 36.9020, 10.4804
YIQ	158.5200, 44.2490, -25.5030

Conversions

Conversions Part 2

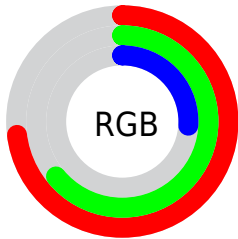
Format	Color
RYB	93, 185, 66
Decimal	12165954
CIELab	67.20, -3.39, 51.80
CIELCh	67, 51.907, 93.748
Yxy	36.9020, 0.4184, 0.4529
Android (android.graphics.Color)	4290356034 (0xFFB9A342)
YUV	158.5200, -45.6124, 23.2230
Hunter-Lab	60.7470, -6.1422, 32.2939

Details

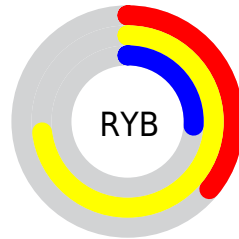
The Hex color **B9A342** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4258B9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F4DA76**, and **817007** is the 20% darker color. If you saturate the color by 10%, you get **B9A030**, and if you desaturate by 10%, it is **B9A655**.

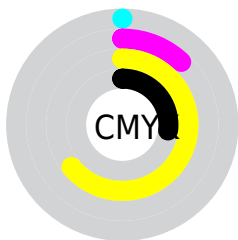
Distribution



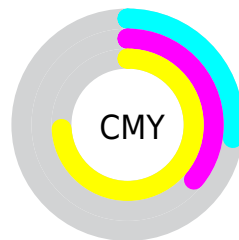
- Red (73%)
- Green (64%)
- Blue (26%)



- Red (36%)
- Yellow (73%)
- Blue (26%)



- Cyan (0%)
- Magenta (12%)
- Yellow (64%)
- Black (27%)



- Cyan (27%)
- Magenta (36%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9A342 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 B9A342 by changing the saturation by 10% instead.

 B9A342

 B9A342

FFFFFF

 9D8928

 F4DA76

 817007

 FFF691

 665700

 FFFFAC

 4B4000

 FFFF8C

 312B00

 FFFF8C

 191700

 000000

 B9A342

 B9A342

 B9A030

 B9A655

 B99C1D

 B9AA67

 B9990A

 B9AD7A

 B99700

 B9B18C

 B9B49F

 B9B8B1

 B9BBC4

 B9BED6

 B9C2E9

Harmonies

Analogous

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



DF924F



B9A342



89B052

Triad

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



B9A342



00BAD6



E283CE

Complementary

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



B9A342



4258B9

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.



AE95F2



B9A342



00B3F7

Square

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



B9A342



00BBA8



58A7FF



F97BA0

Rectangle

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



B9A342



61B66A



58A7FF



D489DB

Sweetspot

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



B9A342



F0E7C2



B9425A



78735C



F7F7F7



787878

Same Dimension

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



B9A342



F0CE37



95B942



5C5A53



9C7F00



1C1700

Inverse Universe

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



4258B9



3759F0



6642B9



53545C



001D9C



00051C

Previews

White Background



This preview shows how the Hex color B9A342 looks on a white background.

Color Contrast Check

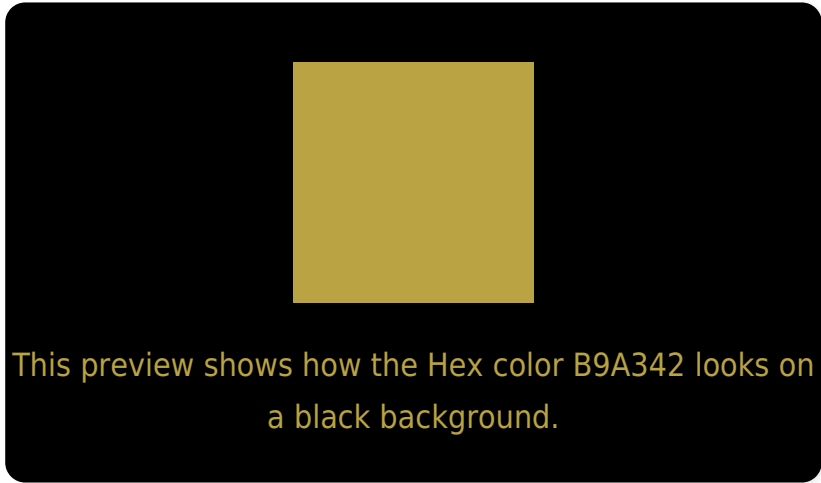
Large Text (above 18pt) WCAG AA × Fail

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 B9A342 Background



This preview shows how black text looks on a background with the Hex color B9A342.



This preview shows how white text looks on a background with the Hex color B9A342.

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
B9A342

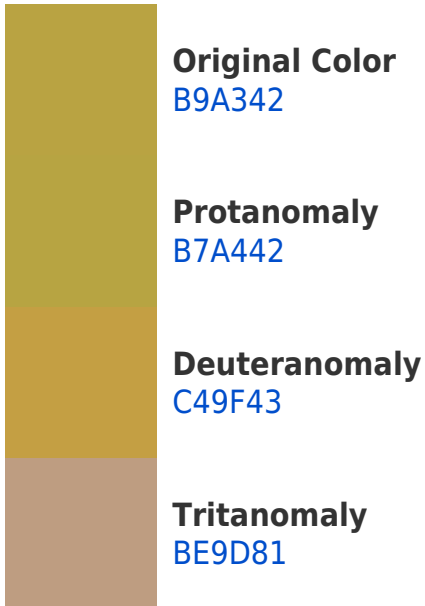
Protanopia
B6A442

Deuteranopia
CB9C44

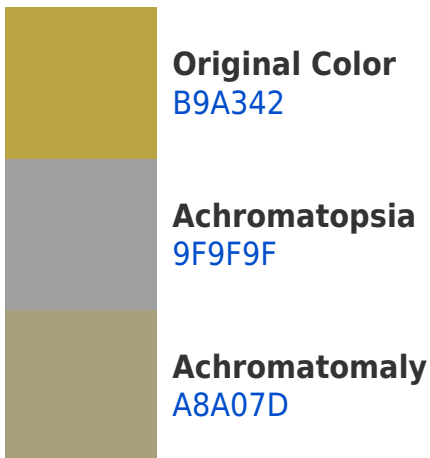


Tritanopia
C199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9A342 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 #B9A342 looks like.

```
.text, #text, p{  
    color:#B9A342  
}
```

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 #B9A342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9A342
}
```

Border

The CSS property to change the border of an element to Hex B9A342 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
#B9A342 }
```

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

```
.border{ border-color:#B9A342 }
```

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

Here you see how a box with a 4 pixel #B9A342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9A342; -webkit-box-shadow:4px 4px  
4px 4px #B9A342; box-shadow:4px 4px 4px  
4px #B9A342 }
```

Background

The CSS property to change the background color of an element to Hex B9A342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9A342 }
```

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

```
.background{ background-color:#B9A342 }
```

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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