

Converting Colors

Hex(B5A449)

Have a look what the booklet for
Hex(B5A449) contains.

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Color

Hex(B5A449)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5A449 |
| RGB | 181, 164, 73 |
| RGB Percent | 71%, 64%, 29% |
| CMY | 0.2902, 0.3569, 0.7137 |
| CMYK | 0.00, 0.09, 0.60, 0.29 |
| HSL | 51°, 43%, 50% |
| HSV | 51°, 60%, 71% |
| XYZ | 33.5341, 36.8557, 11.6498 |
| YIQ | 158.7090, 39.3430, -24.6970 |

Conversions

Conversions Part 2

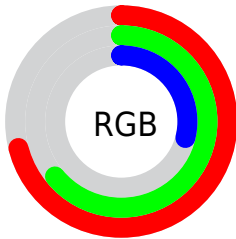
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 93, 181, 73 |
| Decimal | 11904073 |
| CIELab | 67.17, -5.18, 48.45 |
| CIElCh | 67, 48.723, 96.101 |
| Yxy | 36.8557, 0.4088, 0.4492 |
| Android (android.graphics.Color) | 4290094153 (0xFFB5A449) |
| YUV | 158.7090, -42.2545, 19.5492 |
| Hunter-Lab | 60.7089, -7.6416, 31.1188 |

Details

The Hex color **B5A449** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **495AB5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EFDB7D**, and **7D7114** is the 20% darker color. If you saturate the color by 10%, you get **B5A137**, and if you desaturate by 10%, it is **B5A75B**.

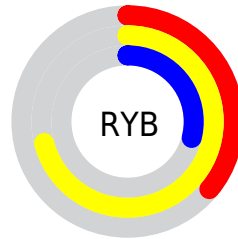
Distribution



Red (71%)

Green (64%)

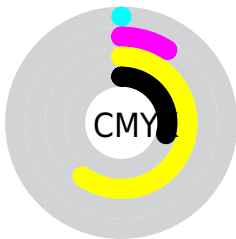
Blue (29%)



Red (36%)

Yellow (71%)

Blue (29%)

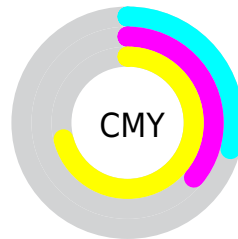


Cyan (0%)

Magenta (9%)

Yellow (60%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5A449 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 B5A449 by changing the saturation by 10% instead.

 B5A449

 B5A449

FFFFFF

 998A2F

 EFDB7D

 7D7114

 FFF798

 625800

 FFFFB3


 494100

 FFFFCE

 2F2B00

 FFFFEC

 161700

 000000

 B5A449

 B5A449

 B5A137

 B5A75B

 B59E25

 B5AA6D

 B59B13

 B5AD7F

 B59901

 B5AF91

 B59900

 B5B2A4

 B5B5B6

 B5B8C8

 B5BBDA

 B5BEEC

Harmonies

Analogous

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



DA9453



B5A449



87B05A

Triad

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



B5A449



00B8D6



E185C8

Complementary

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



B5A449



495AB5

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.



B394EB



B5A449



00B2F3

Square

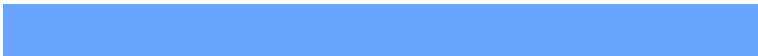
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B5A449



00BAAB



68A5FB



F57E9C

Rectangle

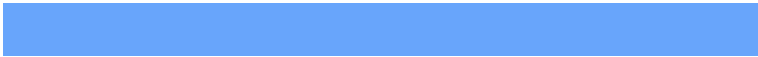
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5A449



61B571



68A5FB



D489D5

Sweetspot

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



B5A449



EBE4C0



B5495B



75715B



F5F5F5



757575

Same Dimension

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



B5A449



EBD042



91B549



595850



998100



1A1500

Inverse Universe

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



495AB5



425CEB



6D49B5



505259



001899



00041A

Previews

White Background



This preview shows how the Hex color B5A449 looks on a white background.

Color Contrast Check

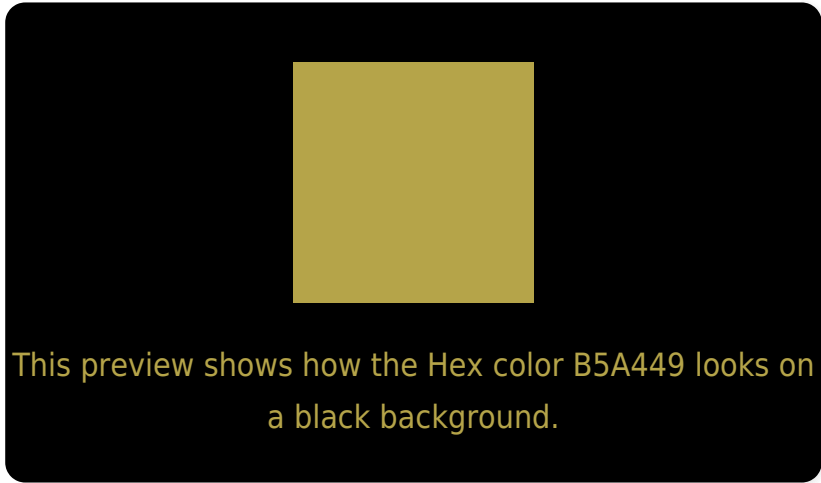
Large Text (above 18pt) WCAG AA × Fail

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 B5A449 Background



This preview shows how black text looks on a background with the Hex color B5A449.



This preview shows how white text looks on a background with the Hex color B5A449.

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
B5A449

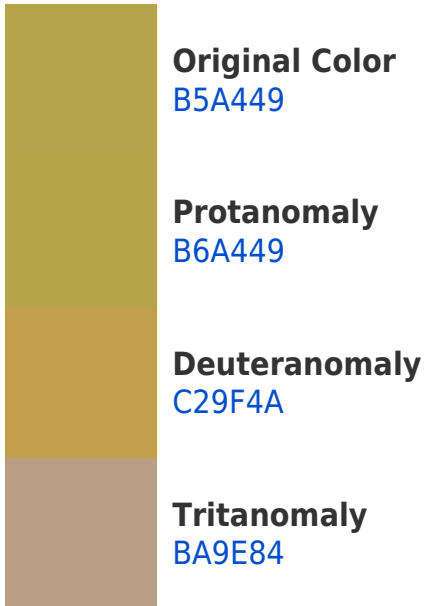
Protanopia
B6A449

Deuteranopia
CA9C4B

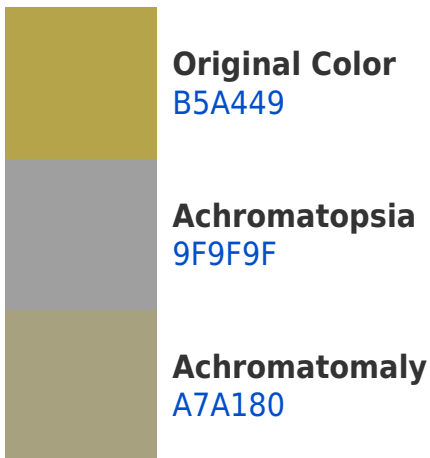


Tritanopia
BD9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5A449 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 #B5A449 looks like.

```
.text, #text, p{  
    color:#B5A449  
}
```

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 #B5A449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A449
}
```

Border

The CSS property to change the border of an element to Hex B5A449 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
#B5A449 }
```

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

```
.border{ border-color:#B5A449 }
```

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

Here you see how a box with a 4 pixel #B5A449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A449; -webkit-box-shadow:4px 4px  
4px 4px #B5A449; box-shadow:4px 4px 4px  
4px #B5A449 }
```

Background

The CSS property to change the background color of an element to Hex B5A449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A449 }
```

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

```
.background{ background-color:#B5A449 }
```

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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