

Converting Colors

Hex(B5A770)

Have a look what the booklet for
Hex(B5A770) contains.

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Color

Hex(B5A770)

Conversions

Conversions Part 1

Format	Color
Hex	B5A770
RGB	181, 167, 112
RGB Percent	71%, 65%, 44%
CMY	0.2902, 0.3451, 0.5608
CMYK	0.00, 0.08, 0.38, 0.29
HSL	48°, 32%, 57%
HSV	48°, 38%, 71%
XYZ	35.7994, 38.6310, 20.8989
YIQ	164.9160, 25.9990, -14.1370

Conversions

Conversions Part 2

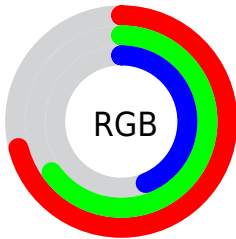
Format	Color
RYB	130, 181, 112
Decimal	11904880
CIELab	68.48, -3.06, 30.29
CIELCh	68, 30.447, 95.770
Yxy	38.6310, 0.3755, 0.4052
Android (android.graphics.Color)	4290094960 (0xFFB5A770)
YUV	164.9160, -26.0876, 14.1057
Hunter-Lab	62.1539, -5.9568, 23.5717

Details

The Hex color **B5A770** is a light color, and the websafe version is hex **999966**. A complement of this color would be **707EB5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EEDEA4**, and **7F733F** is the 20% darker color. If you saturate the color by 10%, you get **B5A35E**, and if you desaturate by 10%, it is **B5AB82**.

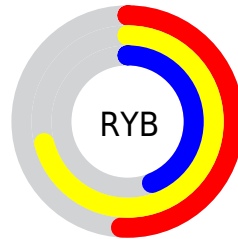
Distribution



Red (71%)

Green (65%)

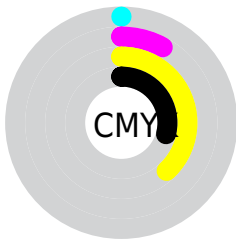
Blue (44%)



Red (51%)

Yellow (71%)

Blue (44%)

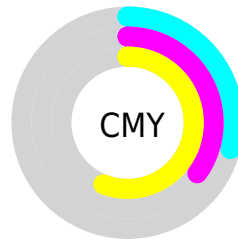


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5A770 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 B5A770 by changing the saturation by 10% instead.

 B5A770

 B5A770

FFFFFF

 9A8D57

 EEDEA4

 7F733F

 FFFBC0

 655B28

 FFFFDC

 4C4311

 FFFFF8

 352D00

 1D1900

 000000

 B5A770

 B5A770

 B5A35E

 B5AB82

 B5A04C

 B5AE94

 B59C3A

 B5B2A6

 B59828

 B5B6B8

 B59515

 B5B9CB

 B59103

 B5BDDD

 B59000

 B5C1EF

 B5C4FF

 B5C8FF

Harmonies

Analogous

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



CD9E76



B5A770



97AF7A

Triad

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



B5A770



4DB5C6



CF96BE

Complementary

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



B5A770



707EB5

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.



B29ED4



B5A770



63B0D8

Square

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



B5A770



59B6AC



8BA8DD



DD92A3

Rectangle

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



B5A770



82B387



8BA8DD



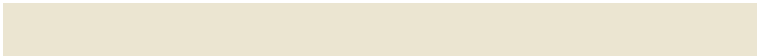
C698C6

Sweetspot

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



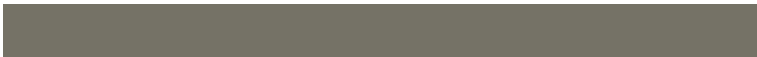
B5A770



EBE5D1



B5707F



757266



F5F5F5



757575

Same Dimension

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



B5A770



EBD57F



A1B570



595750



997A00



1A1400

Inverse Universe

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



707EB5



7F95EB



8470B5



505259



001F99



00051A

Previews

White Background



This preview shows how the Hex color B5A770 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

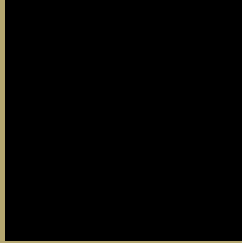
Any Text WCAG AA ✓ Pass

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 B5A770 Background



This preview shows how black text looks on a background with the Hex color B5A770.

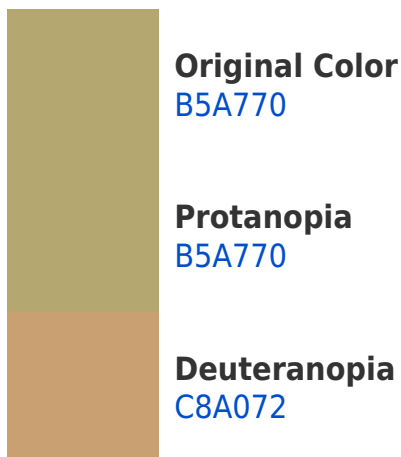


This preview shows how white text looks on a background with the Hex color B5A770.

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](#).

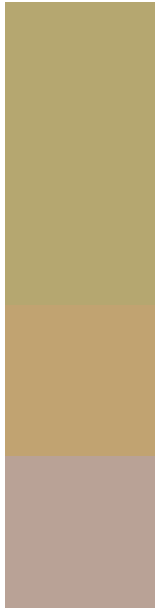
Dichromacy





Tritanopia
BC9FAC

Trichromacy



Original Color
B5A770

Protanomaly
B5A770

Deuteranomaly
C1A371

Tritanomaly
B9A296

Monochromacy



Original Color
B5A770

Achromatopsia
A5A5A5

Achromatomaly
ABA692

CSS Examples

Text

The CSS property to change the color of the text to Hex B5A770 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 #B5A770 looks like.

```
.text, #text, p{  
    color:#B5A770  
}
```

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 #B5A770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A770
}
```

Border

The CSS property to change the border of an element to Hex B5A770 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
#B5A770 }
```

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

```
.border{ border-color:#B5A770 }
```

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

Here you see how a box with a 4 pixel #B5A770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A770; -webkit-box-shadow:4px 4px  
4px 4px #B5A770; box-shadow:4px 4px 4px  
4px #B5A770 }
```

Background

The CSS property to change the background color of an element to Hex B5A770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A770 }
```

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

```
.background{ background-color:#B5A770 }
```

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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