

Converting Colors

Hex(B5AF71)

Have a look what the booklet for
Hex(B5AF71) contains.

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Color

Hex(B5AF71)

Conversions

Conversions Part 1

Format	Color
Hex	B5AF71
RGB	181, 175, 113
RGB Percent	71%, 69%, 44%
CMY	0.2902, 0.3137, 0.5569
CMYK	0.00, 0.03, 0.38, 0.29
HSL	55°, 31%, 58%
HSV	55°, 38%, 71%
XYZ	37.3667, 41.6760, 21.6976
YIQ	169.7260, 23.4780, -18.0100

Conversions

Conversions Part 2

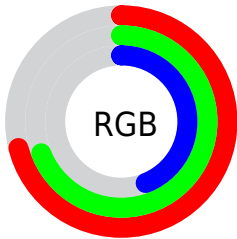
Format	Color
RYB	120, 181, 113
Decimal	11906929
CIELab	70.65, -7.19, 32.57
CIELCh	71, 33.357, 102.454
Yxy	41.6760, 0.3709, 0.4137
Android (android.graphics.Color)	4290097009 (0xFFB5AF71)
YUV	169.7260, -27.9659, 9.8873
Hunter-Lab	64.5569, -9.6557, 25.2624

Details

The Hex color **B5AF71** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7177B5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EEE6A6**, and **7F7B40** is the 20% darker color. If you saturate the color by 10%, you get **B5AD5F**, and if you desaturate by 10%, it is **B5B183**.

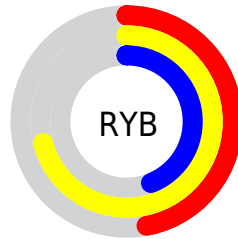
Distribution



Red (71%)

Green (69%)

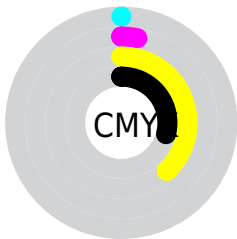
Blue (44%)



Red (47%)

Yellow (71%)

Blue (44%)

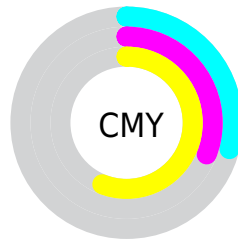


Cyan (0%)

Magenta (3%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5AF71 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 B5AF71 by changing the saturation by 10% instead.

 B5AF71

 B5AF71

FFFFFF

 9A9458

 EEE6A6

 7F7B40

 FFFFC1

 656228

 FFFFDD

 4C4A11

 FFFFFA

 343400

 1D1F00

 000400

 000000

 B5AF71

 B5AF71

 B5AD5F

 B5B183

 B5AC4D

 B5B295

 B5AA3B

 B5B4A7

 B5A929

 B5B5B9

 B5A717

 B5B7CC

 B5A504

 B5B9DE

 B5A500

 B5BAF0

 B5BCFF

 B5BDFF

Harmonies

Analogous

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



D1A573



B5AF71



93B77F

Triad

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



B5AF71



46BBD5



DD98C0

Complementary

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



B5AF71



7177B5

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.



C1A1DA



B5AF71



68B5E6

Square

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



B5AF71



4DBDB9



97ABE8



E996A1

Rectangle

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



B5AF71



7BBB90



97ABE8



D69AC9

Sweetspot

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



B5AF71



EBE8D1



B57178



757466



F5F5F5



757575

Same Dimension

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



B5AF71



EBE181



9AB571



595850



998B00



1A1700

Inverse Universe

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



7177B5



818AEB



8C71B5



505159



000E99



00021A

Previews

White Background



This preview shows how the Hex color B5AF71 looks on a white background.

Color Contrast Check

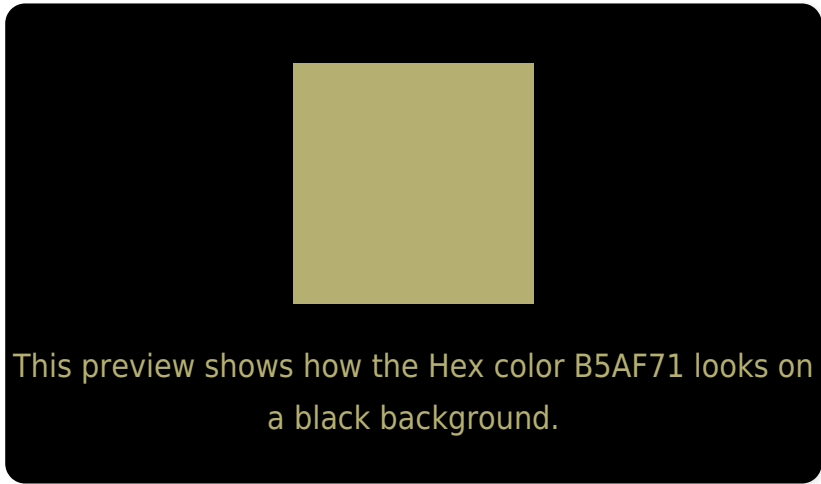
Large Text (above 18pt) WCAG AA × Fail

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

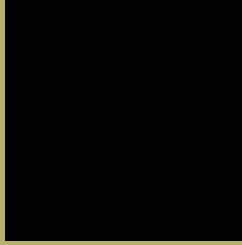
Any Text WCAG AA ✓ Pass

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 B5AF71 Background



This preview shows how black text looks on a background with the Hex color B5AF71.



This preview shows how white text looks on a background with the Hex color B5AF71.

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
B5AF71

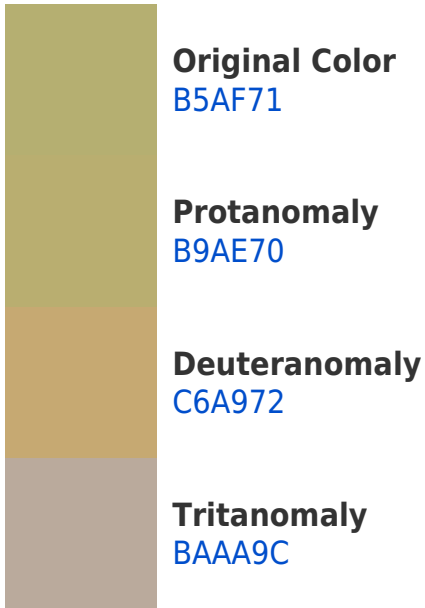
Protanopia
BCAD70

Deuteranopia
CFA573

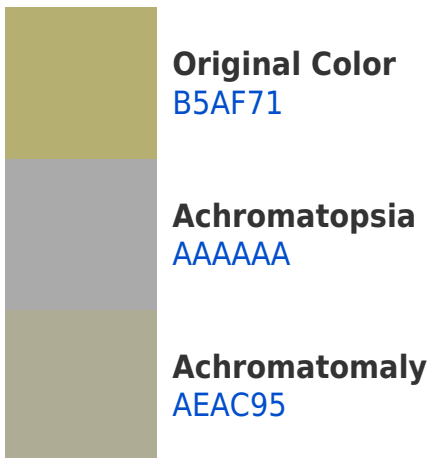


Tritanopia
BDA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5AF71 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 #B5AF71 looks like.

```
.text, #text, p{  
    color:#B5AF71  
}
```

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 #B5AF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AF71
}
```

Border

The CSS property to change the border of an element to Hex B5AF71 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
#B5AF71 }
```

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

```
.border{ border-color:#B5AF71 }
```

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

Here you see how a box with a 4 pixel #B5AF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AF71; -webkit-box-shadow:4px 4px  
4px 4px #B5AF71; box-shadow:4px 4px 4px  
4px #B5AF71 }
```

Background

The CSS property to change the background color of an element to Hex B5AF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AF71 }
```

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

```
.background{ background-color:#B5AF71 }
```

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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