

Converting Colors

Hex(B5AA75)

Have a look what the booklet for
Hex(B5AA75) contains.

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Color

Hex(B5AA75)

Conversions

Conversions Part 1

Format	Color
Hex	B5AA75
RGB	181, 170, 117
RGB Percent	71%, 67%, 46%
CMY	0.2902, 0.3333, 0.5412
CMYK	0.00, 0.06, 0.35, 0.29
HSL	50°, 30%, 58%
HSV	50°, 35%, 71%
XYZ	36.6417, 39.8576, 22.5917
YIQ	167.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

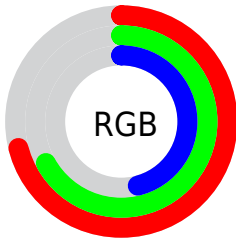
Format	Color
RYB	130, 181, 117
Decimal	11905653
CIELab	69.37, -4.07, 28.78
CIElCh	69, 29.070, 98.039
Yxy	39.8576, 0.3698, 0.4022
Android (android.graphics.Color)	4290095733 (0xFFB5AA75)
YUV	167.2470, -24.7718, 12.0614
Hunter-Lab	63.1328, -6.8829, 22.9765

Details

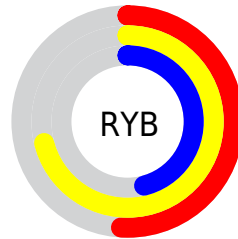
The Hex color **B5AA75** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7580B5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EEE1AA**, and **7F7644** is the 20% darker color. If you saturate the color by 10%, you get **B5A763**, and if you desaturate by 10%, it is **B5AD87**.

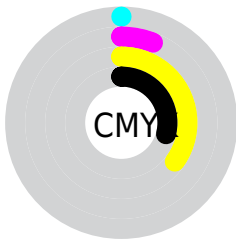
Distribution



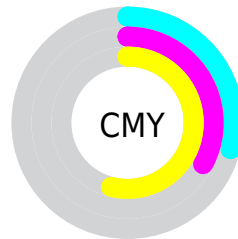
- Red (71%)
- Green (67%)
- Blue (46%)



- Red (51%)
- Yellow (71%)
- Blue (46%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5AA75 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 B5AA75 by changing the saturation by 10% instead.

 B5AA75

 B5AA75

FFFFFF

 9A905C

 EEE1AA

 7F7644

 FFFEC5


 655D2D

 FFFFE1

 4C4616

FFFFFFE

 353000

 1E1B00

 000000

 B5AA75

 B5AA75

 B5A763

 B5AD87

 B5A451

 B5B099

 B5A13F

 B5B3AB

 B59E2D

 B5B6BD

 B59A1B

 B5BAD0

 B59708

 B5BDE2

 B59600

 B5C0F4

 B5C3FF

 B5C6FF

Harmonies

Analogous

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



CDA179



B5AA75



98B27F

Triad

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



B5AA75



57B6C9



D198BE

Complementary

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



B5AA75



7580B5

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.



B6A0D3



B5AA75



6CB1DA

Square

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



B5AA75



5FB8B0



92A9DD



DE96A3

Rectangle

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



B5AA75



84B58D



92A9DD



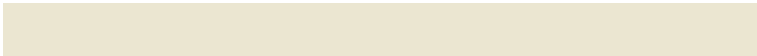
C99BC6

Sweetspot

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



B5AA75



EBE6D1



B57581



757366



F5F5F5



757575

Same Dimension

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



B5AA75



EBDA88



A1B575



595850



997F00



1A1500

Inverse Universe

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



7580B5



8899EB



8975B5



505259



001A99



00041A

Previews

White Background



This preview shows how the Hex color B5AA75 looks on a white background.

Color Contrast Check

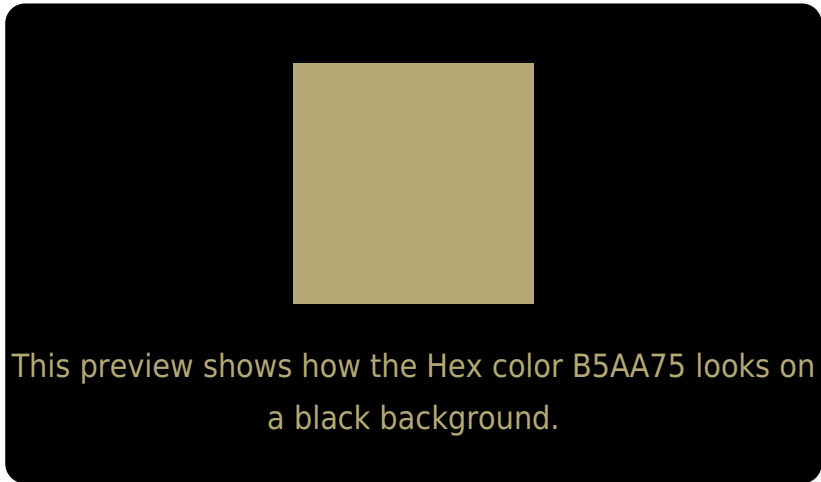
Large Text (above 18pt) WCAG AA × Fail

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

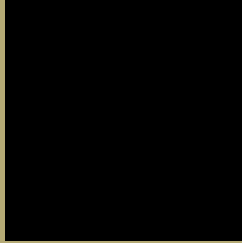
Any Text WCAG AA ✓ Pass

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 B5AA75 Background



This preview shows how black text looks on a background with the Hex color B5AA75.



This preview shows how white text looks on a background with the Hex color B5AA75.

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
B5AA75

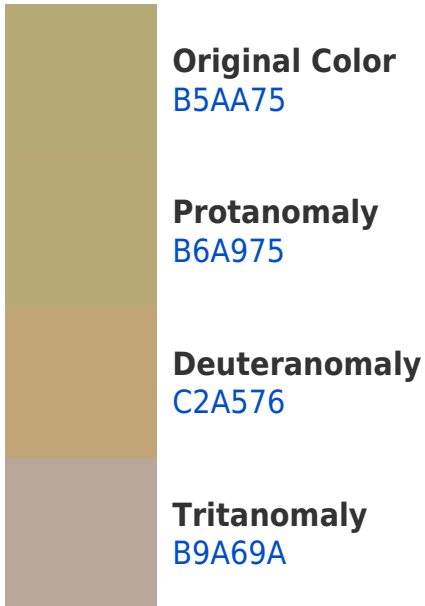
Protanopia
B7A975

Deuteranopia
CAA277

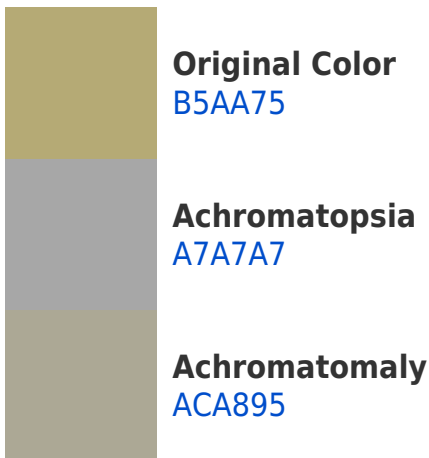


Tritanopia
BCA3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5AA75 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 #B5AA75 looks like.

```
.text, #text, p{  
    color:#B5AA75  
}
```

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 #B5AA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5AA75
}
```

Border

The CSS property to change the border of an element to Hex B5AA75 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
#B5AA75 }
```

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

```
.border{ border-color:#B5AA75 }
```

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

Here you see how a box with a 4 pixel #B5AA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5AA75; -webkit-box-shadow:4px 4px  
4px 4px #B5AA75; box-shadow:4px 4px 4px  
4px #B5AA75 }
```

Background

The CSS property to change the background color of an element to Hex B5AA75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5AA75 }
```

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

```
.background{ background-color:#B5AA75 }
```

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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