

Converting Colors

Hex(B6AE55)

Have a look what the booklet for
Hex(B6AE55) contains.

| | |
|--|----|
| Hex(B6AE55) | 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(B6AE55)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B6AE55 |
| RGB | 182, 174, 85 |
| RGB Percent | 71%, 68%, 33% |
| CMY | 0.2863, 0.3176, 0.6667 |
| CMYK | 0.00, 0.04, 0.53, 0.29 |
| HSL | 55°, 40%, 52% |
| HSV | 55°, 53%, 71% |
| XYZ | 36.0671, 40.8731, 14.5827 |
| YIQ | 166.2460, 33.3370, -25.9830 |

Conversions

Conversions Part 2

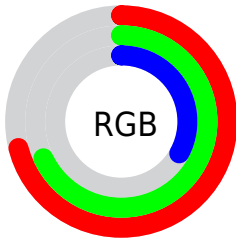
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 94, 182, 85 |
| Decimal | 11972181 |
| CIELab | 70.09, -9.08, 46.10 |
| CIELCh | 70, 46.984, 101.138 |
| Yxy | 40.8731, 0.3941, 0.4466 |
| Android (android.graphics.Color) | 4290162261 (0xFFB6AE55) |
| YUV | 166.2460, -40.0543, 13.8163 |
| Hunter-Lab | 63.9320, -11.1806, 31.2286 |

Details

The Hex color **B6AE55** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **555DB6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F0E589**, and **7F7A22** is the 20% darker color. If you saturate the color by 10%, you get **B6AC43**, and if you desaturate by 10%, it is **B6B067**.

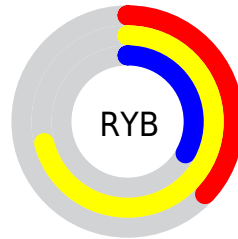
Distribution



Red (71%)

Green (68%)

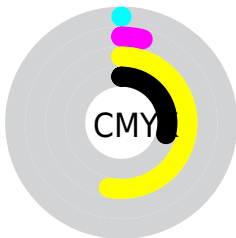
Blue (33%)



Red (37%)

Yellow (71%)

Blue (33%)

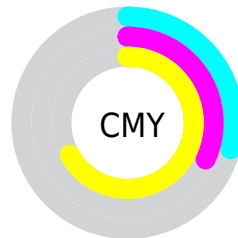


Cyan (0%)

Magenta (4%)

Yellow (53%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6AE55 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 B6AE55 by changing the saturation by 10% instead.



B6AE55



B6AE55

FFFFFF



9A933C



F0E589



7F7A22



FFFFA4



646103



FFFF00



4B4A00



FFFFDC



313300



FFFFF9



191E00



000100



000000



B6AE55



B6AE55

 B6AC43

 B6B067

 B6AB31

 B6B179

 B6A91E

 B6B38C

 B6A80C

 B6B49E

 B6A700

 B6B6B0

 B6B7C2

 B6B9D4

 B6BAE7

 B6BCF9

Harmonies

Analogous

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



DC9F5A



B6AE55



87B969

Triad

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



B6AE55



00BFE2



EC8CC8

Complementary

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



B6AE55



555DB6

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.



C49AEC



B6AE55



00B7FB

Square

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



B6AE55



00C1BA



83AAFF



FC889D

Rectangle

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



B6AE55



62BE81



83AAFF



E290D5

Sweetspot

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



B6AE55



EDEAC7



B6555D



787661



F7F7F7



787878

Same Dimension

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



B6AE55



EDE155



8EB655



5C5B53



9C8F00



1C1A00

Inverse Universe

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



555DB6



5562ED



7D55B6



53535C



000D9C



00021C

Previews

White Background



This preview shows how the Hex color B6AE55 looks on a white background.

Color Contrast Check

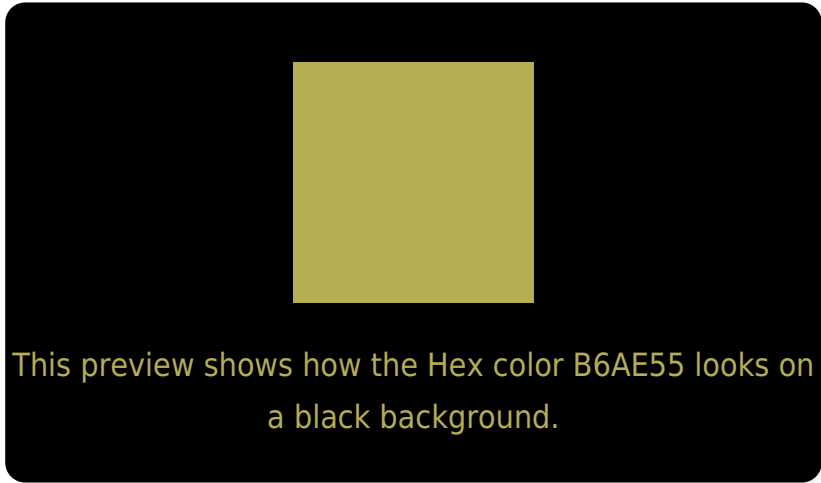
Large Text (above 18pt) WCAG AA × Fail

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 B6AE55 Background



This preview shows how black text looks on a background with the Hex color B6AE55.



This preview shows how white text looks on a background with the Hex color B6AE55.

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
B6AE55

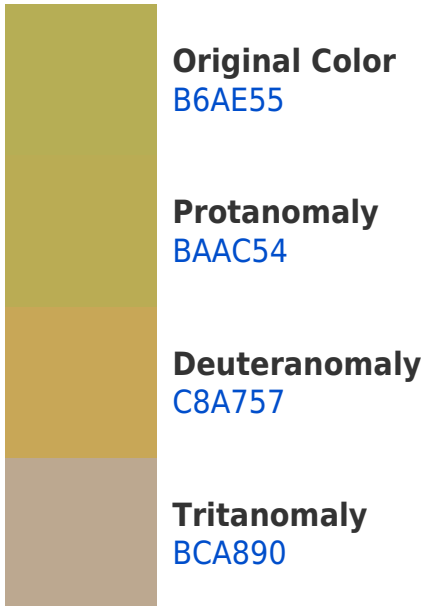
Protanopia
BDAB54

Deuteranopia
D2A358

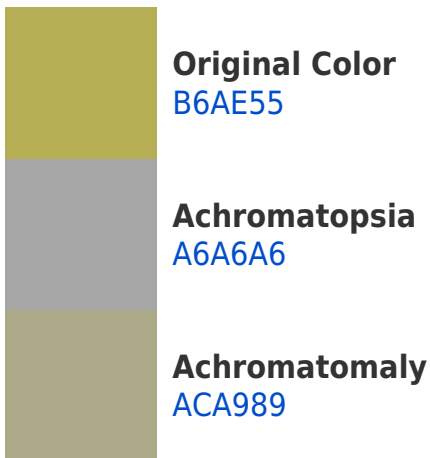


Tritanopia
BFA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6AE55 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 #B6AE55 looks like.

```
.text, #text, p{  
    color:#B6AE55  
}
```

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 #B6AE55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6AE55
}
```

Border

The CSS property to change the border of an element to Hex B6AE55 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
#B6AE55 }
```

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

```
.border{ border-color:#B6AE55 }
```

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

Here you see how a box with a 4 pixel #B6AE55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6AE55; -webkit-box-shadow:4px 4px  
4px 4px #B6AE55; box-shadow:4px 4px 4px  
4px #B6AE55 }
```

Background

The CSS property to change the background color of an element to Hex B6AE55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6AE55 }
```

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

```
.background{ background-color:#B6AE55 }
```

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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