

Converting Colors

Hex(B6B574)

Have a look what the booklet for
Hex(B6B574) contains.

Hex(B6B574)	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(B6B574)

Conversions

Conversions Part 1

Format	Color
Hex	B6B574
RGB	182, 181, 116
RGB Percent	71%, 71%, 45%
CMY	0.2863, 0.2902, 0.5451
CMYK	0.00, 0.01, 0.36, 0.29
HSL	59°, 31%, 58%
HSV	59°, 36%, 71%
XYZ	38.9677, 44.2538, 23.0110
YIQ	173.8890, 21.4610, -20.0030

Conversions

Conversions Part 2

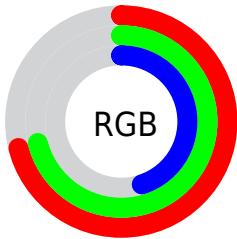
Format	Color
RYB	117, 182, 116
Decimal	11974004
CIELab	72.40, -9.58, 33.28
CIELCh	72, 34.632, 106.063
Yxy	44.2538, 0.3668, 0.4166
Android (android.graphics.Color)	4290164084 (0xFFB6B574)
YUV	173.8890, -28.5393, 7.1133
Hunter-Lab	66.5235, -11.8557, 26.0576

Details

The Hex color **B6B574** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7475B6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EFEDA9**, and **808042** is the 20% darker color. If you saturate the color by 10%, you get **B6B562**, and if you desaturate by 10%, it is **B6B586**.

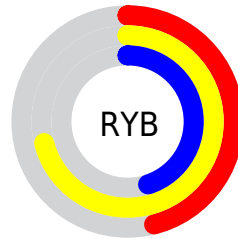
Distribution



Red (71%)

Green (71%)

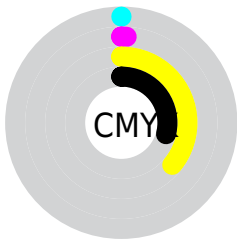
Blue (45%)



Red (46%)

Yellow (71%)

Blue (45%)

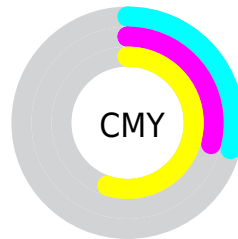


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6B574 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 B6B574 by changing the saturation by 10% instead.



B6B574



B6B574

FFFFFF



9B9A5B



EFEDA9



808042



FFFFC4



66672B



FFFFE0



4D4F13

FFFFFD



353900



1E2300



000F00



000000



B6B574



B6B574

 B6B562

 B6B586

 B6B450

 B6B698

 B6B43D

 B6B6AB

 B6B42B

 B6B6BD

 B6B419

 B6B6CF

 B6B307

 B6B7E1

 B6B300

 B6B7F3

 B6B7FF

Harmonies

Analogous

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



D4AB74



B6B574



92BD85

Triad

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



B6B574



47C0DE



E69BC2

Complementary

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



B6B574



7475B6

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.



CBA3DE



B6B574



6FB9EE

Square

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



B6B574



49C3C2



A0AFEE



F09AA2

Rectangle

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



B6B574



79C197



A0AFEE



DF9DCC

Sweetspot

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



B6B574



EDEDD3



B67475



787868



F7F7F7



787878

Same Dimension

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



B6B574



EDEC85



96B674



5C5C53



9C9900



1C1C00

Inverse Universe

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



7475B6



8586ED



9474B6



53535C



00029C



00001C

Previews

White Background



This preview shows how the Hex color B6B574 looks on a white background.

Color Contrast Check

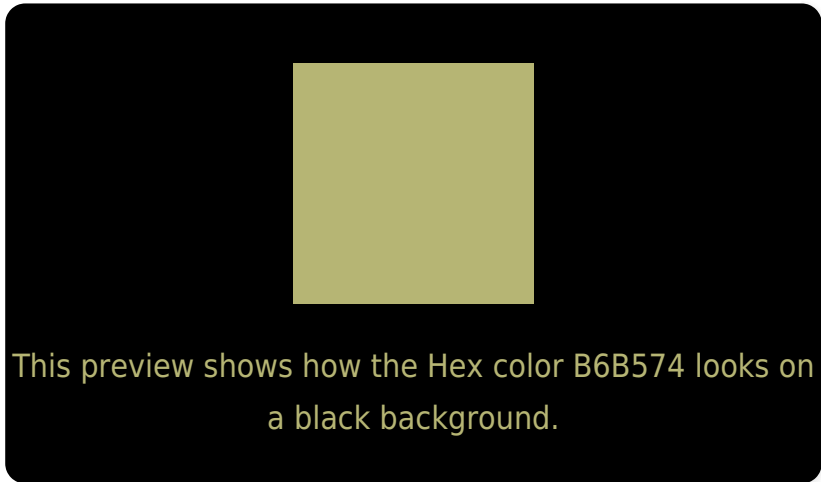
Large Text (above 18pt) WCAG AA × Fail

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

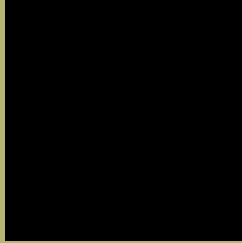
Any Text WCAG AA ✓ Pass

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 B6B574 Background



This preview shows how black text looks on a background with the Hex color B6B574.



This preview shows how white text looks on a background with the Hex color B6B574.

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

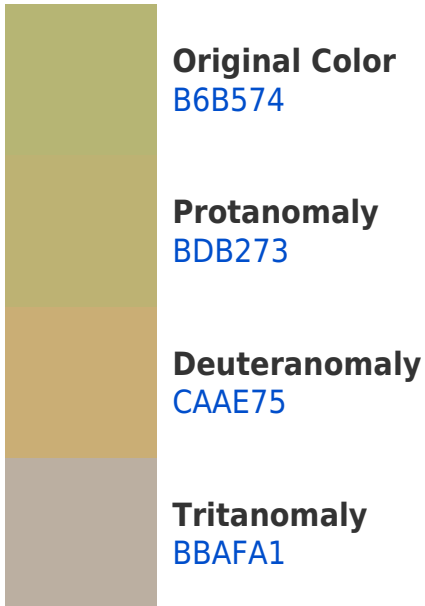


Original Color
B6B574

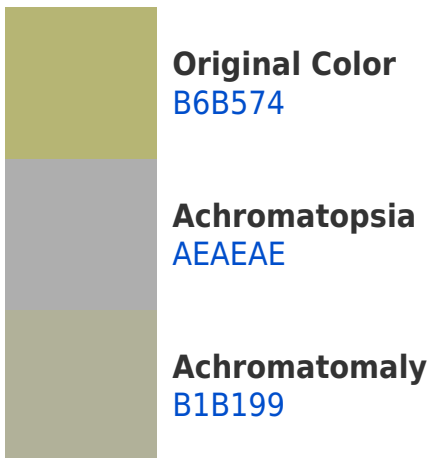
Protanopia
C1B173

Deuteranopia
D5AA76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6B574 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 #B6B574 looks like.

```
.text, #text, p{  
    color:#B6B574  
}
```

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 #B6B574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6B574
}
```

Border

The CSS property to change the border of an element to Hex B6B574 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
#B6B574 }
```

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

```
.border{ border-color:#B6B574 }
```

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

Here you see how a box with a 4 pixel #B6B574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6B574; -webkit-box-shadow:4px 4px  
4px 4px #B6B574; box-shadow:4px 4px 4px  
4px #B6B574 }
```

Background

The CSS property to change the background color of an element to Hex B6B574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6B574 }
```

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

```
.background{ background-color:#B6B574 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor