

# Converting Colors

Hex(B2B773)

Have a look what the booklet for  
Hex(B2B773) contains.

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**Color**

**Hex(B2B773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2B773
RGB	178, 183, 115
RGB Percent	70%, 72%, 45%
CMY	0.3020, 0.2824, 0.5490
CMYK	0.03, 0.00, 0.37, 0.28
HSL	64°, 32%, 58%
HSV	64°, 37%, 72%
XYZ	38.3881, 44.5698, 22.7992
YIQ	173.7530, 18.8480, -22.2080

# Conversions

## Conversions Part 2

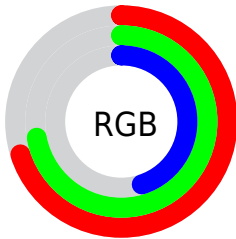
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 183, 120
Decimal	11712371
CIELab	72.61, -12.34, 34.01
CIELCh	73, 36.177, 109.940
Yxy	44.5698, 0.3630, 0.4214
Android (android.graphics.Color)	4289902451 (0xFFB2B773)
YUV	173.7530, -28.9652, 3.7246
Hunter-Lab	66.7606, -14.1915, 26.4845

# Details

The Hex color **B2B773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7873B7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EBEFA8**, and **7C8241** is the 20% darker color. If you saturate the color by 10%, you get **B1B761**, and if you desaturate by 10%, it is **B3B785**.

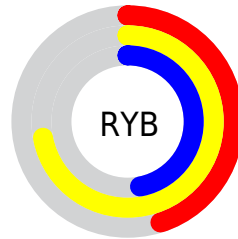
# Distribution



Red (70%)

Green (72%)

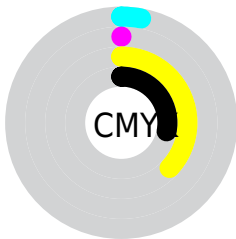
Blue (45%)



Red (45%)

Yellow (72%)

Blue (47%)

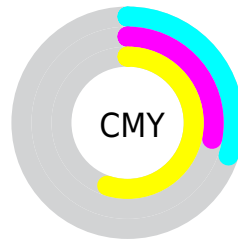


Cyan (3%)

Magenta (0%)

Yellow (37%)

Black (28%)



Cyan (30%)

Magenta (28%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2B773 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 B2B773 by changing the saturation by 10% instead.



 B2B773

 B2B773

FFFFFF

 979C5A

 EBEFA8

 7C8241

 FFFFC3

 62692A

 FFFFDF

 495112

 FFFFFC

 323A00

 1A2400

 001100

 000000

 B2B773

 B2B773

 B1B761

 B3B785

 AFB74E

 B5B798

 AEB73C

 B6B7AA

 ADB72A

 B7B7BC

 ABB718

 B9B7CF

 AAB705

 BAB7E1

 AAB700

 BBB7F3

 BDB7FF

 BEB7FF

# Harmonies

## Analogous

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



D2AC71



B2B773



8CBF86

# Triad

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



B2B773



41C0E4



EC9ABF

# Complementary

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



B2B773



7873B7

# 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.



D1A2DD



B2B773



72B9F3

# Square

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



B2B773



3DC4C8



A6AEF0



F39A9D

# Rectangle

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



B2B773



71C29A



A6AEF0



E59CCA



# Sweetspot

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



B2B773



EBEDD3



B77873



777868



F7F7F7



787878



# Same Dimension

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



B2B773



E5ED82



90B773



5B5C53



909C00



1A1C00



# Inverse Universe

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



7873B7



8A82ED



9A73B7



53535C



0B009C



02001C



# Previews

## White Background



This preview shows how the Hex color B2B773 looks on a white background.

## Color Contrast Check

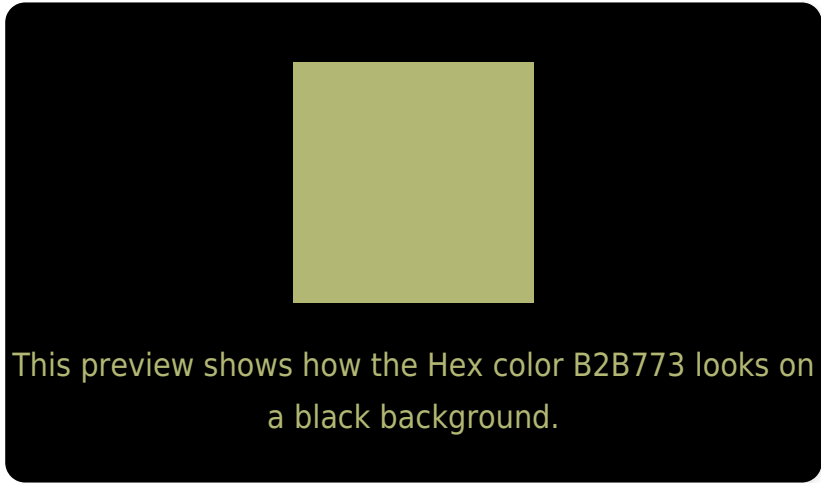
Large Text (above 18pt) WCAG AA × Fail

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

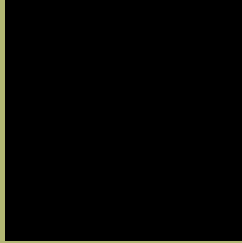
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2B773 Background



This preview shows how black text looks on a background with the Hex color B2B773.

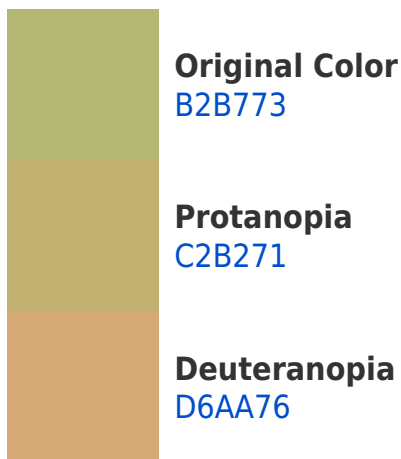


This preview shows how white text looks on a background with the Hex color B2B773.

# Color Blindness Simulation

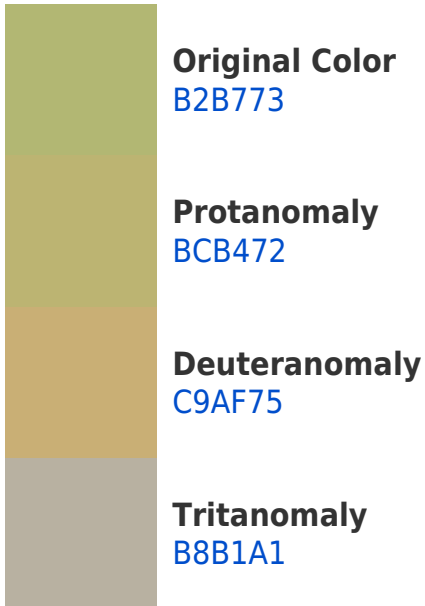
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

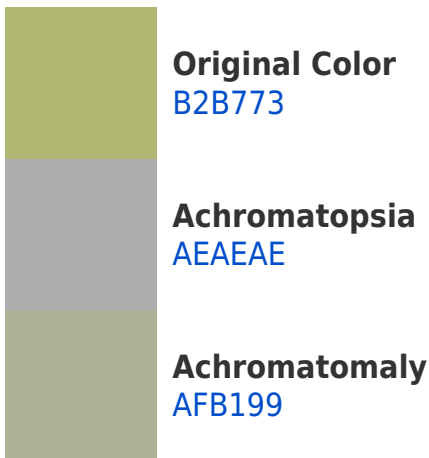




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2B773 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 #B2B773 looks like.

```
.text, #text, p{  
    color:#B2B773  
}
```

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 #B2B773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2B773
}
```

## Border

The CSS property to change the border of an element to Hex B2B773 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
#B2B773 }
```

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

```
.border{ border-color:#B2B773 }
```

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

Here you see how a box with a 4 pixel #B2B773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2B773; -webkit-box-shadow:4px 4px  
4px 4px #B2B773; box-shadow:4px 4px 4px  
4px #B2B773 }
```

# Background

The CSS property to change the background color of an element to Hex B2B773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2B773 }
```

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

```
.background{ background-color:#B2B773 }
```

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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