

Converting Colors

Hex(B3B73A)

Have a look what the booklet for
Hex(B3B73A) contains.

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Color

Hex(B3B73A)

Conversions

Conversions Part 1

Format	Color
Hex	B3B73A
RGB	179, 183, 58
RGB Percent	70%, 72%, 23%
CMY	0.2980, 0.2824, 0.7725
CMYK	0.02, 0.00, 0.68, 0.28
HSL	62°, 52%, 47%
HSV	62°, 68%, 72%
XYZ	36.2876, 43.7562, 10.5362
YIQ	167.5540, 37.7410, -39.7230

Conversions

Conversions Part 2

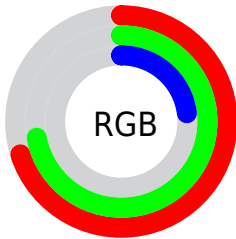
Format	Color
RYB	58, 183, 62
Decimal	11777850
CIELab	72.07, -16.87, 60.02
CIELCh	72, 62.342, 105.698
Yxy	43.7562, 0.4006, 0.4831
Android (android.graphics.Color)	4289967930 (0xFFB3B73A)
YUV	167.5540, -54.0101, 10.0381
Hunter-Lab	66.1484, -17.8385, 36.8601

Details

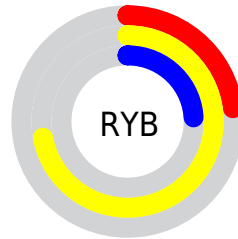
The Hex color **B3B73A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3E3AB7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EDEF70**, and **7B8200** is the 20% darker color. If you saturate the color by 10%, you get **B2B728**, and if you desaturate by 10%, it is **B4B74C**.

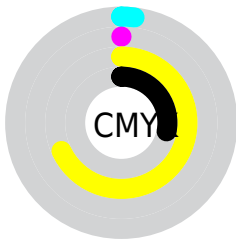
Distribution



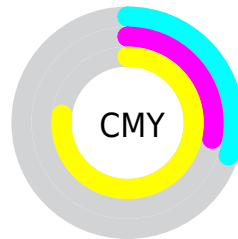
- Red (70%)
- Green (72%)
- Blue (23%)



- Red (23%)
- Yellow (72%)
- Blue (24%)



- Cyan (2%)
- Magenta (0%)
- Yellow (68%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3B73A 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 B3B73A by changing the saturation by 10% instead.

 B3B73A

 B3B73A

FFFFFF

 979C1C

 EDEF70

 7B8200

 FFFF8C

 606900

 FFFFA7

 465100

 FFFFC4

 2B3A00

 FFFFEO

 122500

FFFFFFE

 000E00

 000000

 B3B73A

 B3B73A

 B2B728

 B4B74C

 B2B715

 B4B75F

 B1B703

 B5B771

 B1B700

 B5B783

 B6B795

 B7B7A8

 B7B7BA

 B8B7CC

 B8B7DF

Harmonies

Analogous

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



E6A43D



B3B73A



72C45D

Triad

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



B3B73A



00C9FF



FF81CE

Complementary

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



B3B73A



3E3AB7

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.



DA95FF



B3B73A



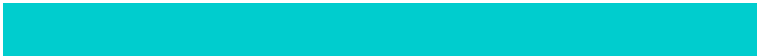
00BFFF

Square

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



B3B73A



00CDCE



80ADFF



FF7E95

Rectangle

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



B3B73A



26C97F



80ADFF



FF86E1

Sweetspot

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



B3B73A



ECEDBE



B73C3A



77785B



F7F7F7



787878

Same Dimension

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



B3B73A



E7ED2B



76B73A



5C5C53



979C00



1B1C00

Inverse Universe

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



3E3AB7



312BED



7B3AB7



53535C



05009C



01001C

Previews

White Background



This preview shows how the Hex color B3B73A looks on a white background.

Color Contrast Check

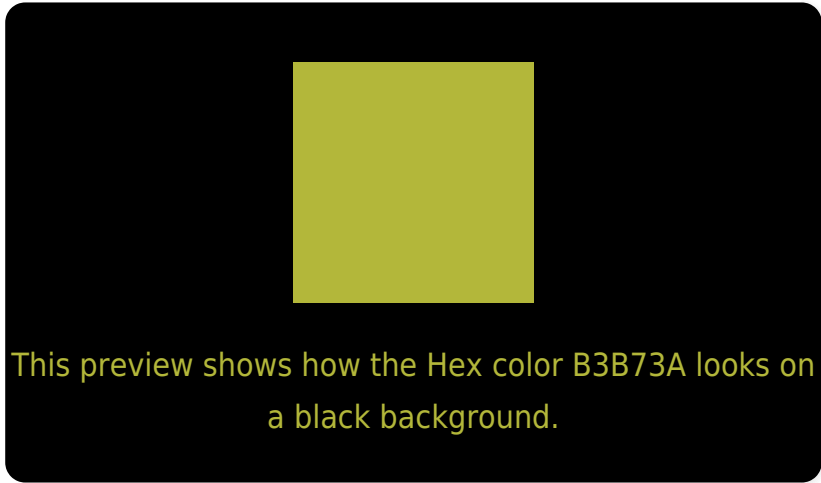
Large Text (above 18pt) WCAG AA × Fail

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 B3B73A Background



This preview shows how black text looks on a background with the Hex color B3B73A.

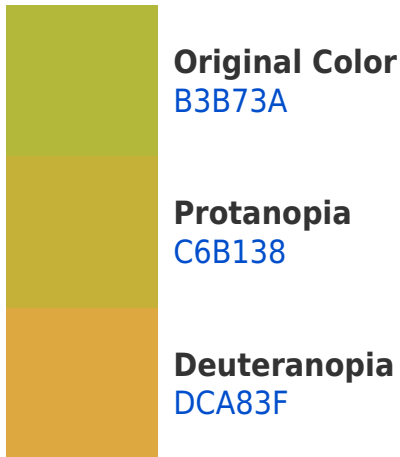


This preview shows how white text looks on a background with the Hex color B3B73A.

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](#).

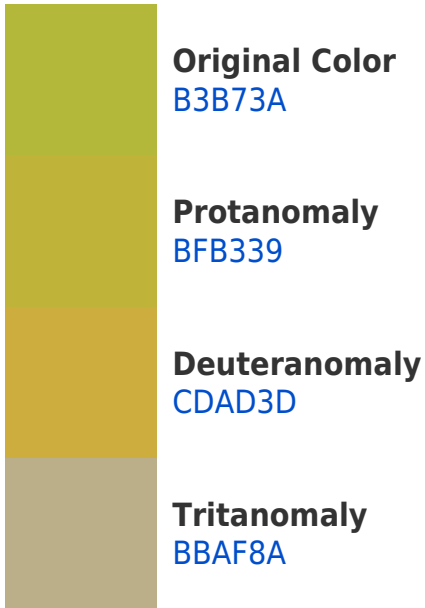
Dichromacy





Tritanopia
BFABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3B73A 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 #B3B73A looks like.

```
.text, #text, p{  
    color:#B3B73A  
}
```

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 #B3B73A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B73A
}
```

Border

The CSS property to change the border of an element to Hex B3B73A 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
#B3B73A }
```

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

```
.border{ border-color:#B3B73A }
```

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

Here you see how a box with a 4 pixel #B3B73A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B73A; -webkit-box-shadow:4px 4px  
4px 4px #B3B73A; box-shadow:4px 4px 4px  
4px #B3B73A }
```

Background

The CSS property to change the background color of an element to Hex B3B73A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B73A }
```

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

```
.background{ background-color:#B3B73A }
```

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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