

Converting Colors

Hex(7ABD72)

Have a look what the booklet for
Hex(7ABD72) contains.

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Color

Hex(7ABD72)

Conversions

Conversions Part 1

Format	Color
Hex	7ABD72
RGB	122, 189, 114
RGB Percent	48%, 74%, 45%
CMY	0.5216, 0.2588, 0.5529
CMYK	0.35, 0.00, 0.40, 0.26
HSL	114°, 36%, 59%
HSV	114°, 40%, 74%
XYZ	29.2609, 41.7477, 22.4355
YIQ	160.4170, -15.8570, -37.5290

Conversions

Conversions Part 2

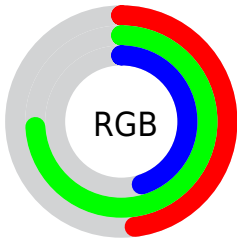
Format	Color
RYB	114, 189, 181
Decimal	8043890
CIELab	70.70, -36.08, 31.35
CIELCh	71, 47.795, 139.013
Yxy	41.7477, 0.3131, 0.4468
Android (android.graphics.Color)	4286233970 (0xFF7ABD72)
YUV	160.4170, -22.8836, -33.6917
Hunter-Lab	64.6124, -32.2349, 24.6413

Details

The Hex color **7ABD72** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B572BD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1F6A7**, and **458741** is the 20% darker color. If you saturate the color by 10%, you get **69BD5F**, and if you desaturate by 10%, it is **8BBD85**.

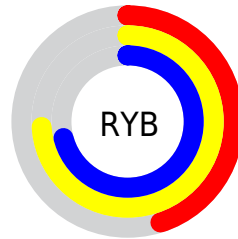
Distribution



Red (48%)

Green (74%)

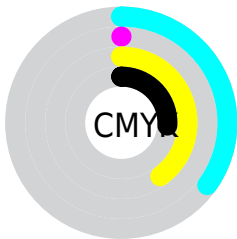
Blue (45%)



Red (45%)

Yellow (74%)

Blue (71%)

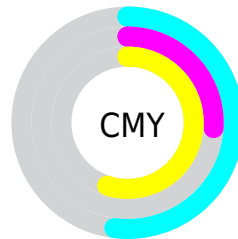


Cyan (35%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (52%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ABD72 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 7ABD72 by changing the saturation by 10% instead.



7ABD72



7ABD72

FFFFFF



5FA259



B1F6A7



458741



CDFFC2



2A6D29



EAFFDE



095511



FFFFFB



003D00



002700



000500



000000



7ABD72



7ABD72

 69BD5F

 8BBD85

 58BD4C

 9CBD98

 47BD39

 ADBDAB

 36BD26

 BEBDBE

 26BD13

 CEBDD1

 15BD01

 DFBDE3

 14BD00

 F0BDF6

 FFBDF6

Harmonies

Analogous

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



ACB358



7ABD72



31C29B

Triad

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



7ABD72



37B6FF



FF8A93

Complementary

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



7ABD72



B572BD

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.



F68BBF



7ABD72



97A8FF

Square

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



7ABD72



00BFEE



D397E6



F3956D

Rectangle

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



7ABD72



00C3B9



D397E6



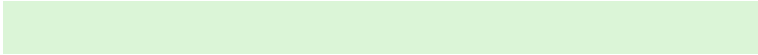
FF89A1

Sweetspot

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



7ABD72



DBF5D7



BDB472



6B7A69



FAFAFA



7A7A7A

Same Dimension

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



7ABD72



8CF57F



72BD8F



565E55



119E00



031F00

Inverse Universe

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



B572BD



E87FF5



BD72A0



5D555E



8D009E



1B001F

Previews

White Background



This preview shows how the Hex color 7ABD72 looks on a white background.

Color Contrast Check

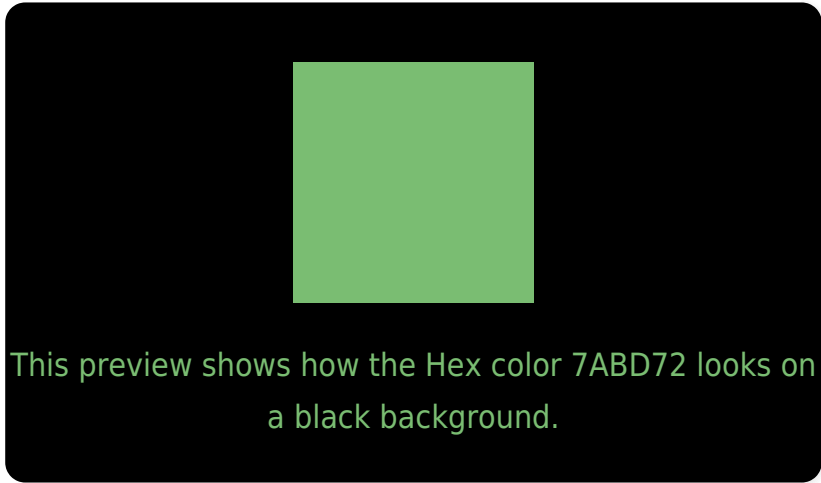
Large Text (above 18pt) WCAG AA × Fail

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 7ABD72 Background



This preview shows how black text looks on a background with the Hex color 7ABD72.

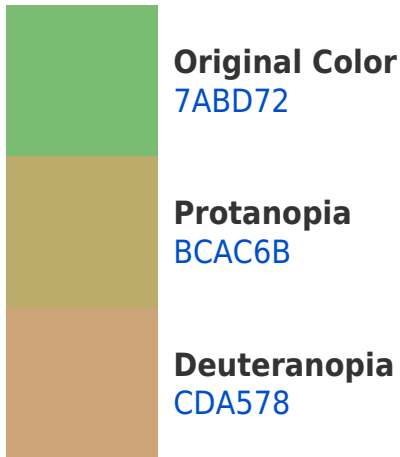


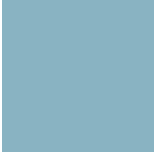
This preview shows how white text looks on a background with the Hex color 7ABD72.

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](#).

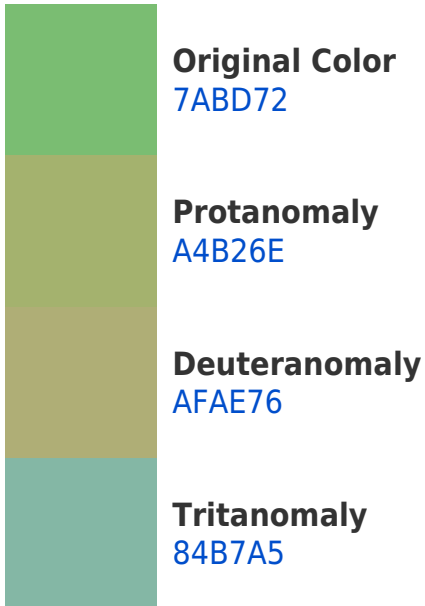
Dichromacy



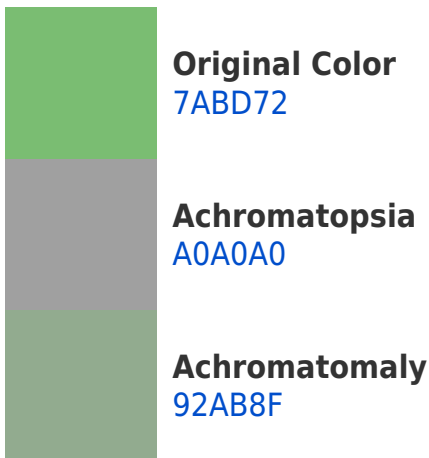


Tritanopia
89B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ABD72 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 #7ABD72 looks like.

```
.text, #text, p{  
    color:#7ABD72  
}
```

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 #7ABD72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ABD72
}
```

Border

The CSS property to change the border of an element to Hex 7ABD72 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
#7ABD72 }
```

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

```
.border{ border-color:#7ABD72 }
```

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

Here you see how a box with a 4 pixel #7ABD72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ABD72; -webkit-box-shadow:4px 4px  
4px 4px #7ABD72; box-shadow:4px 4px 4px  
4px #7ABD72 }
```

Background

The CSS property to change the background color of an element to Hex 7ABD72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ABD72 }
```

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

```
.background{ background-color:#7ABD72 }
```

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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