

Converting Colors

Hex(7BBB70)

Have a look what the booklet for
Hex(7BBB70) contains.

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Color

Hex(7BBB70)

Conversions

Conversions Part 1

Format	Color
Hex	7BBB70
RGB	123, 187, 112
RGB Percent	48%, 73%, 44%
CMY	0.5176, 0.2667, 0.5608
CMYK	0.34, 0.00, 0.40, 0.27
HSL	111°, 36%, 59%
HSV	111°, 40%, 73%
XYZ	28.8633, 40.9215, 21.7066
YIQ	159.3140, -14.0690, -36.8930

Conversions

Conversions Part 2

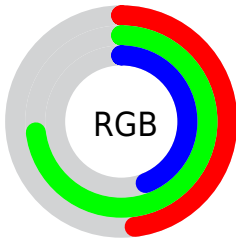
Format	Color
RYB	112, 187, 176
Decimal	8108912
CIELab	70.12, -35.13, 31.65
CIELCh	70, 47.286, 137.987
Yxy	40.9215, 0.3155, 0.4473
Android (android.graphics.Color)	4286298992 (0xFF7BBB70)
YUV	159.3140, -23.3258, -31.8474
Hunter-Lab	63.9699, -31.4077, 24.6603

Details

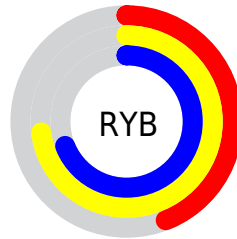
The Hex color **7BBB70** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B070BB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B2F4A5**, and **46853F** is the 20% darker color. If you saturate the color by 10%, you get **6BBB5D**, and if you desaturate by 10%, it is **8BBB83**.

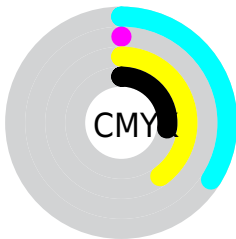
Distribution



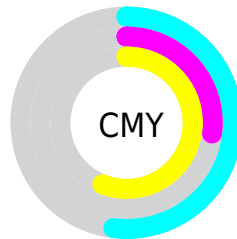
- Red (48%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (27%)



- Cyan (52%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BBB70 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 7BBB70 by changing the saturation by 10% instead.

 7BBB70

 7BBB70

FFFFFF

 60A057

 B2F4A5

 46853F

 CEFFC0

 2C6C27

 EBFFDC

 0D530F

 FFFFF9

 003B00

 002600

 000100

 000000

 7BBB70

 7BBB70

 6BBB5D

 8BBB83

 5BBB4B

 9BBB95

 4BBB38

 ABBBA8

 3BBB25

 BBBBBB

 2BBB12

 CBBBCD

 1BBB00

 DBBBE0

 EBBBF3

 FBBBF3

 FFBBFF

Harmonies

Analogous

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



ACB157



7BBB70



35C098

Triad

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



7BBB70



33B5FF



FD8993

Complementary

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



7BBB70



B070BB

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.



F38ABF



7BBB70



94A7FD

Square

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



7BBB70



00BEEA



D096E5



F1946D

Rectangle

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



7BBB70



00C2B6



D096E5



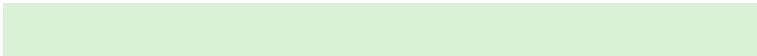
FC88A1

Sweetspot

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



7BBB70



D9F2D5



BBB070



6C7A69



FAFAFA



7A7A7A

Same Dimension

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



7BBB70



8FF27E



70BB8A



565E55



179E00



041F00

Inverse Universe

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



B070BB



E17EF2



BB70A1



5D555E



87009E



1A001F

Previews

White Background



This preview shows how the Hex color 7BBB70 looks on a white background.

Color Contrast Check

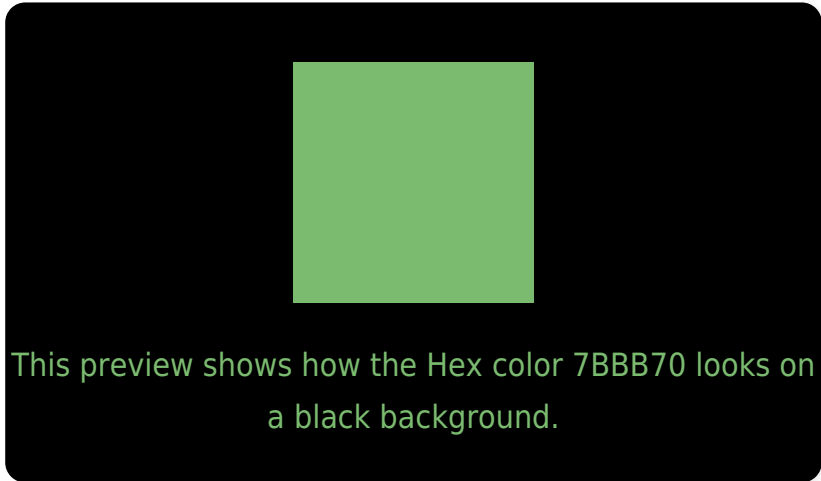
Large Text (above 18pt) WCAG AA × Fail

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 7BBB70 Background



This preview shows how black text looks on a background with the Hex color 7BBB70.

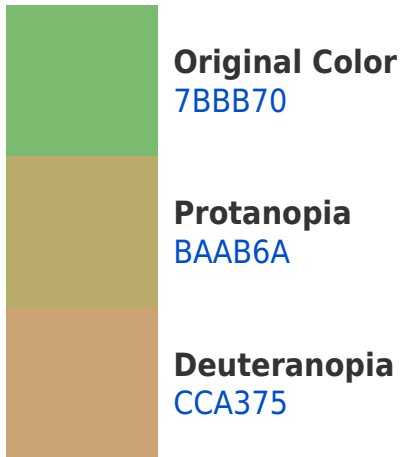


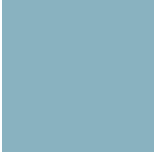
This preview shows how white text looks on a background with the Hex color 7BBB70.

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](#).

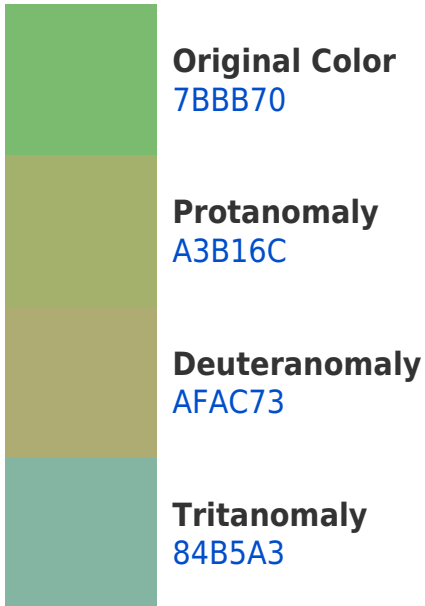
Dichromacy



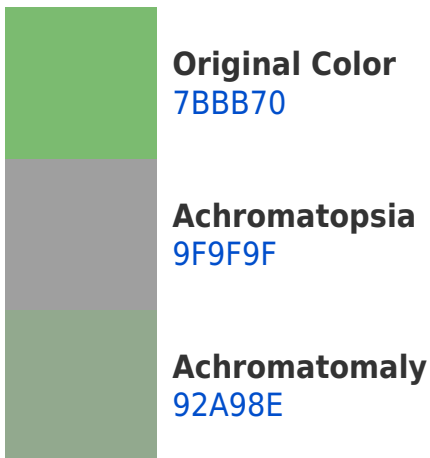


Tritanopia
89B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BBB70 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 #7BBB70 looks like.

```
.text, #text, p{  
    color:#7BBB70  
}
```

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 #7BBB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BBB70
}
```

Border

The CSS property to change the border of an element to Hex 7BBB70 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
#7BBB70 }
```

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

```
.border{ border-color:#7BBB70 }
```

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

Here you see how a box with a 4 pixel #7BBB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BBB70; -webkit-box-shadow:4px 4px  
4px 4px #7BBB70; box-shadow:4px 4px 4px  
4px #7BBB70 }
```

Background

The CSS property to change the background color of an element to Hex 7BBB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BBB70 }
```

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

```
.background{ background-color:#7BBB70 }
```

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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