

Converting Colors

Hex(7BB954)

Have a look what the booklet for
Hex(7BB954) contains.

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Color

Hex(7BB954)

Conversions

Conversions Part 1

Format	Color
Hex	7BB954
RGB	123, 185, 84
RGB Percent	48%, 73%, 33%
CMY	0.5176, 0.2745, 0.6706
CMYK	0.34, 0.00, 0.55, 0.27
HSL	97°, 42%, 53%
HSV	97°, 55%, 73%
XYZ	27.1176, 39.5490, 14.5920
YIQ	154.9480, -4.5310, -44.5550

Conversions

Conversions Part 2

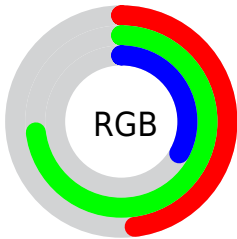
Format	Color
RYB	84, 185, 146
Decimal	8108372
CIELab	69.15, -37.85, 44.46
CIELCh	69, 58.389, 130.413
Yxy	39.5490, 0.3337, 0.4867
Android (android.graphics.Color)	4286298452 (0xFF7BB954)
YUV	154.9480, -34.9774, -28.0184
Hunter-Lab	62.8880, -33.0840, 30.2644

Details

The Hex color **7BB954** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9254B9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B2F188**, and **458321** is the 20% darker color. If you saturate the color by 10%, you get **70B942**, and if you desaturate by 10%, it is **86B967**.

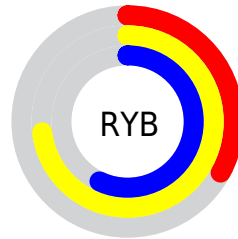
Distribution



Red (48%)

Green (73%)

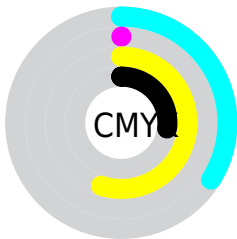
Blue (33%)



Red (33%)

Yellow (73%)

Blue (57%)

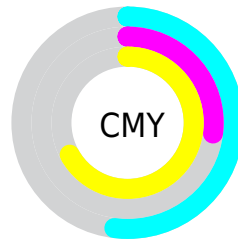


Cyan (34%)

Magenta (0%)

Yellow (55%)

Black (27%)



Cyan (52%)

Magenta (27%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB954 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 7BB954 by changing the saturation by 10% instead.



7BB954



7BB954

FFFFFF



609E3B



B2F188



458321



CFFFA3



2A6A00



ECFFBF



075100



FFFFDB



003900



FFFFF8



002500



000000



7BB954



7BB954



70B942



86B967

 64B92F

 92B979

 59B91D

 9DB98C

 4EB90A

 A8B99E

 47B900

 B4B9B1

 BFB9C3

 CAB9D5

 D6B9E8

 E1B9FB

Harmonies

Analogous

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



B5AC39



7BB954



02C083

Triad

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



7BB954



00B8FF



FF7998

Complementary

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



7BB954



9254B9

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.



F780CD



7BB954



69A8FF

Square

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



7BB954



00C0EC



C493FA



FF8567

Rectangle

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



7BB954



00C3A8



C493FA



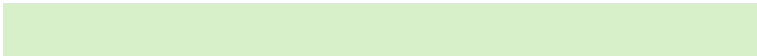
FF79AA

Sweetspot

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



7BB954



D8F0C9



B99154



6A7861



F7F7F7



787878

Same Dimension

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



7BB954



8FF051



54B95E



565C53



3C9C00



0B1C00

Inverse Universe

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



9254B9



B351F0



B954AF



58535C



5F009C



11001C

Previews

White Background



This preview shows how the Hex color 7BB954 looks on a white background.

Color Contrast Check

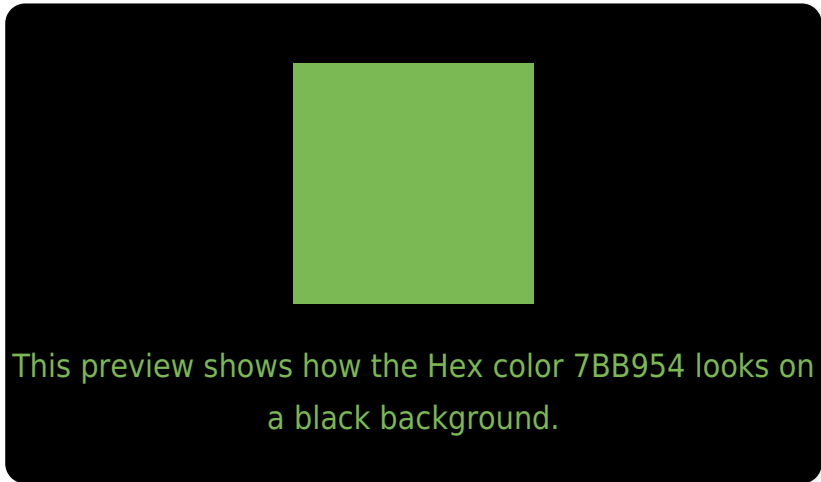
Large Text (above 18pt) WCAG AA × Fail

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 7BB954 Background



This preview shows how black text looks on a background with the Hex color 7BB954.



This preview shows how white text looks on a background with the Hex color 7BB954.

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
8BAEBC

Trichromacy



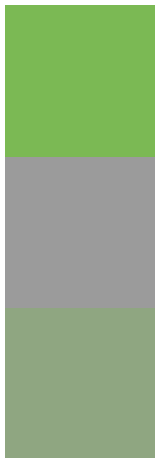
Original Color
7BB954

Protanomaly
A3AE51

Deuteranomaly
B0A958

Tritanomaly
85B296

Monochromacy



Original Color
7BB954

Achromatopsia
9B9B9B

Achromatomaly
8FA681

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB954 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 #7BB954 looks like.

```
.text, #text, p{  
    color:#7BB954  
}
```

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 #7BB954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB954
}
```

Border

The CSS property to change the border of an element to Hex 7BB954 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
#7BB954 }
```

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

```
.border{ border-color:#7BB954 }
```

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

Here you see how a box with a 4 pixel #7BB954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB954; -webkit-box-shadow:4px 4px  
4px 4px #7BB954; box-shadow:4px 4px 4px  
4px #7BB954 }
```

Background

The CSS property to change the background color of an element to Hex 7BB954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB954 }
```

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

```
.background{ background-color:#7BB954 }
```

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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