

Converting Colors

Hex(7BCA68)

Have a look what the booklet for
Hex(7BCA68) contains.

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Color

Hex(7BCA68)

Conversions

Conversions Part 1

Format	Color
Hex	7BCA68
RGB	123, 202, 104
RGB Percent	48%, 79%, 41%
CMY	0.5176, 0.2078, 0.5922
CMYK	0.39, 0.00, 0.49, 0.21
HSL	108°, 48%, 60%
HSV	108°, 49%, 79%
XYZ	31.7876, 47.4515, 20.5804
YIQ	167.2070, -15.6260, -47.2260

Conversions

Conversions Part 2

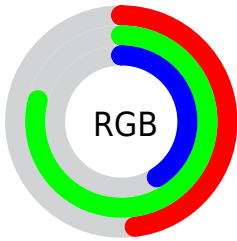
Format	Color
RYB	104, 202, 183
Decimal	8112744
CIELab	74.48, -42.93, 41.22
CIELCh	74, 59.510, 136.163
Yxy	47.4515, 0.3185, 0.4754
Android (android.graphics.Color)	4286302824 (0xFF7BCA68)
YUV	167.2070, -31.1611, -38.7695
Hunter-Lab	68.8850, -38.1785, 30.5058

Details

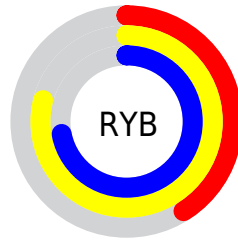
The Hex color **7BCA68** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B768CA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B3FF9D**, and **449336** is the 20% darker color. If you saturate the color by 10%, you get **6BCA54**, and if you desaturate by 10%, it is **8BCA7C**.

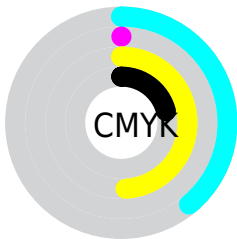
Distribution



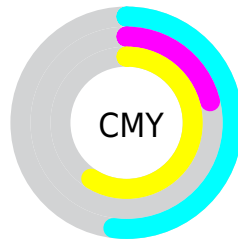
- Red (48%)
- Green (79%)
- Blue (41%)



- Red (41%)
- Yellow (79%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (52%)
- Magenta (21%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BCA68 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 7BCA68 by changing the saturation by 10% instead.

 7BCA68

 7BCA68

FFFFFF

 60AE4F

 B3FF9D

 449336

 D0FFB8

 26791C

 EDFFD4

 006000

 FFFFF1

 004700

 003000

 001800

 000000

 7BCA68

 7BCA68

 6BCA54

 8BCA7C

 5ACA40

 9CCA90

 4ACA2B

 ACCAA5

 3ACA17

 BCCAB9

 2ACA03

 CCCACD

 27CA00

 DDCAE1

 EDCAF5

 FDCAFF

 FFCAFF

Harmonies

Analogous

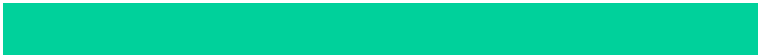
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BABE48



7BCA68



00D19B

Triad

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



7BCA68



00C4FF



FF889C

Complementary

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



7BCA68



B768CA

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.



FF8BD3



7BCA68



8EB3FF

Square

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



7BCA68



00CFFF



E19DFF



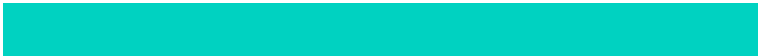
FF976A

Rectangle

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



7BCA68



00D2C1



E19DFF



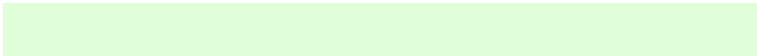
FF87AE

Sweetspot

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



7BCA68



E0FFD9



CAB668



6D8069



000000



808080

Same Dimension

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



7BCA68



88FF6B



68CA85



5E665C



20A600



072600

Inverse Universe

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



B768CA



E26BFF



CA68AD



645C66



8600A6



1F0026

Previews

White Background



This preview shows how the Hex color 7BCA68 looks on a white background.

Color Contrast Check

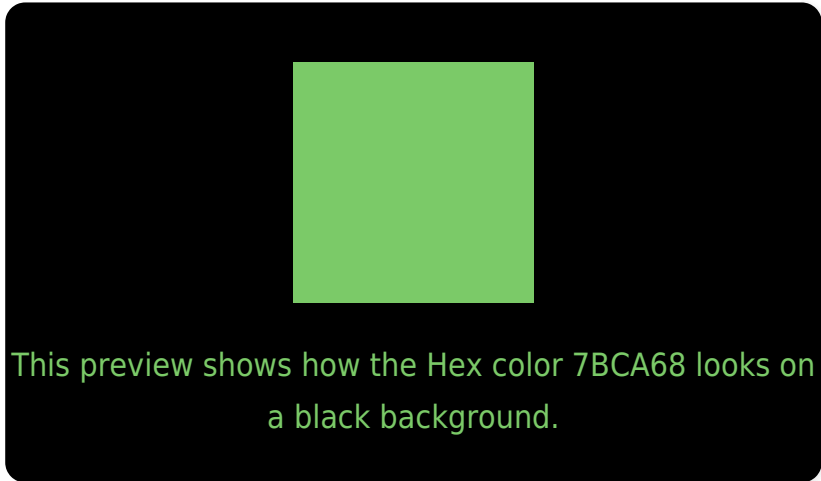
Large Text (above 18pt) WCAG AA × Fail

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 7BCA68 Background



This preview shows how black text looks on a background with the Hex color 7BCA68.

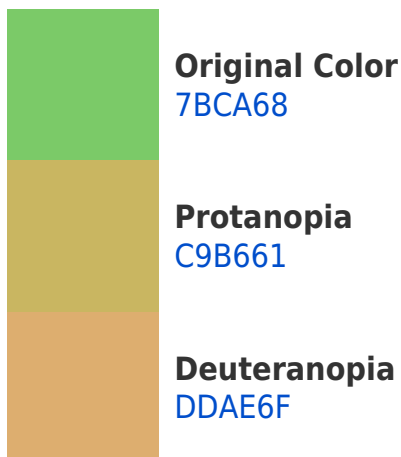


This preview shows how white text looks on a background with the Hex color 7BCA68.

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
8DBFCE

Trichromacy



Original Color
7BCA68



Protanomaly
ADB664



Deuteranomaly
B9B86C



Tritanomaly
86C3A9

Monochromacy



Original Color
7BCA68



Achromatopsia
A7A7A7



Achromatomaly
97B490

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BCA68 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 #7BCA68 looks like.

```
.text, #text, p{  
    color:#7BCA68  
}
```

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 #7BCA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCA68
}
```

Border

The CSS property to change the border of an element to Hex 7BCA68 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
#7BCA68 }
```

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

```
.border{ border-color:#7BCA68 }
```

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

Here you see how a box with a 4 pixel #7BCA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCA68; -webkit-box-shadow:4px 4px  
4px 4px #7BCA68; box-shadow:4px 4px 4px  
4px #7BCA68 }
```

Background

The CSS property to change the background color of an element to Hex 7BCA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCA68 }
```

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

```
.background{ background-color:#7BCA68 }
```

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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