

Converting Colors

Hex(7BC750)

Have a look what the booklet for
Hex(7BC750) contains.

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Color

Hex(7BC750)

Conversions

Conversions Part 1

Format	Color
Hex	7BC750
RGB	123, 199, 80
RGB Percent	48%, 78%, 31%
CMY	0.5176, 0.2196, 0.6863
CMYK	0.38, 0.00, 0.60, 0.22
HSL	98°, 52%, 55%
HSV	98°, 60%, 78%
XYZ	30.0398, 45.6370, 14.8150
YIQ	162.7100, -7.0970, -53.1210

Conversions

Conversions Part 2

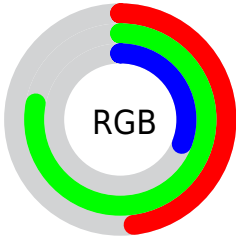
Format	Color
RYB	80, 199, 156
Decimal	8111952
CIELab	73.31, -44.37, 51.11
CIELCh	73, 67.687, 130.961
Yxy	45.6370, 0.3320, 0.5043
Android (android.graphics.Color)	4286302032 (0xFF7BC750)
YUV	162.7100, -40.7760, -34.8257
Hunter-Lab	67.5552, -38.8479, 34.2862

Details

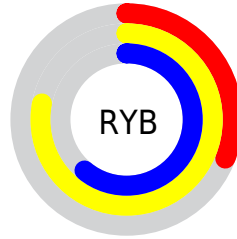
The Hex color **7BC750** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9C50C7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B3FF85**, and **439019** is the 20% darker color. If you saturate the color by 10%, you get **6EC73C**, and if you desaturate by 10%, it is **88C764**.

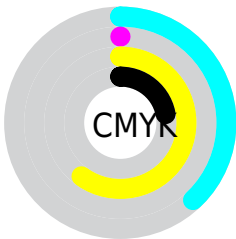
Distribution



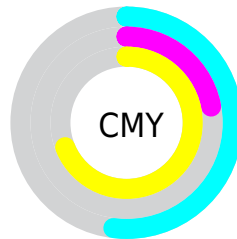
- Red (48%)
- Green (78%)
- Blue (31%)



- Red (31%)
- Yellow (78%)
- Blue (61%)



- Cyan (38%)
- Magenta (0%)
- Yellow (60%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC750 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 7BC750 by changing the saturation by 10% instead.

 7BC750

 7BC750

FFFFFF

 5FAB36

 B3FF85

 439019

 D0FFA0

 247600

 EEFFBC

 005D00

 FFFFD9

 004400

 FFFFF6

 002E00

 001400

 000000

 7BC750

 7BC750

 6EC73C

 88C764

 62C728

 94C778

 55C714

 A1C78C

 48C700

 AEC7A0

 BBC7B4

 C7C7C7

 D4C7DB

 E1C7EF

 EDC7FF

Harmonies

Analogous

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



BFB82C



7BC750



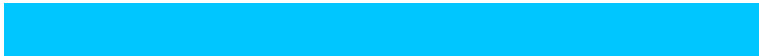
00CF89

Triad

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



7BC750



00C6FF



FF7AA0

Complementary

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



7BC750



9C50C7

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.



FF81DE



7BC750



62B3FF

Square

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



7BC750



00CFFF



D59AFF



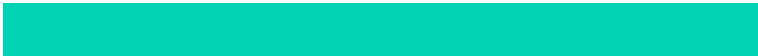
FF8A65

Rectangle

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



7BC750



00D2B4



D59AFF



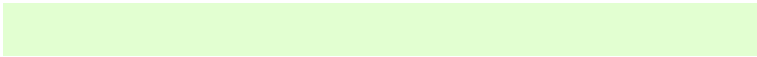
FF7AB5

Sweetspot

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



7BC750



E2FFD1



C79B50



6E8063



000000



808080

Same Dimension

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



7BC750



8AFF47



50C760



5D635A



3BA300



0D2400

Inverse Universe

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



9C50C7



BD47FF



C750B7



605A63



6800A3



170024

Previews

White Background



This preview shows how the Hex color 7BC750 looks on a white background.

Color Contrast Check

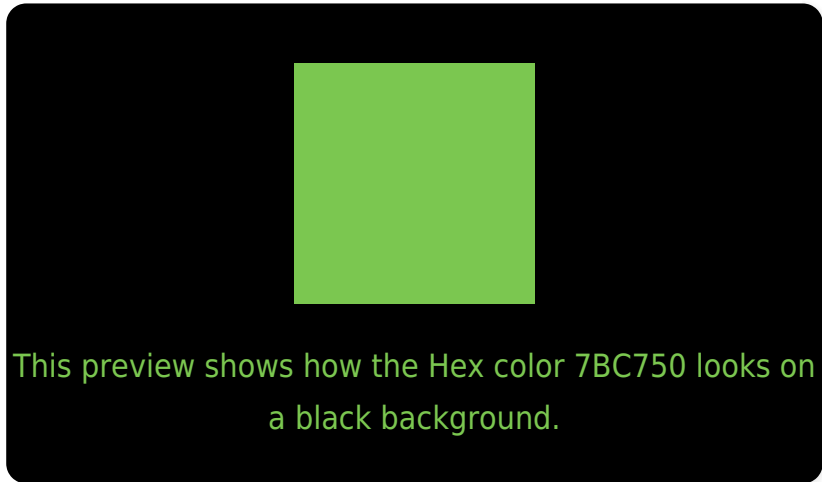
Large Text (above 18pt) WCAG AA × Fail

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 7BC750 Background



This preview shows how black text looks on a background with the Hex color 7BC750.

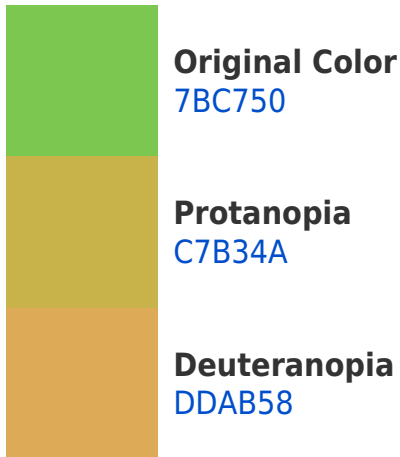


This preview shows how white text looks on a background with the Hex color 7BC750.

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
8EBBCA

Trichromacy



Original Color
7BC750



Protanomaly
ABBA4C



Deuteranomaly
B9B555

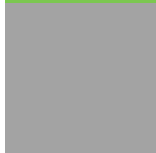


Tritanomaly
87BF9E

Monochromacy



Original Color
7BC750



Achromatopsia
A3A3A3



Achromatomaly
94B085

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC750 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 #7BC750 looks like.

```
.text, #text, p{  
    color:#7BC750  
}
```

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 #7BC750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC750
}
```

Border

The CSS property to change the border of an element to Hex 7BC750 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
#7BC750 }
```

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

```
.border{ border-color:#7BC750 }
```

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

Here you see how a box with a 4 pixel #7BC750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC750; -webkit-box-shadow:4px 4px  
4px 4px #7BC750; box-shadow:4px 4px 4px  
4px #7BC750 }
```

Background

The CSS property to change the background color of an element to Hex 7BC750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC750 }
```

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

```
.background{ background-color:#7BC750 }
```

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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