

Converting Colors

Hex(7CC76B)

Have a look what the booklet for
Hex(7CC76B) contains.

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Color

Hex(7CC76B)

Conversions

Conversions Part 1

Format	Color
Hex	7CC76B
RGB	124, 199, 107
RGB Percent	49%, 78%, 42%
CMY	0.5137, 0.2196, 0.5804
CMYK	0.38, 0.00, 0.46, 0.22
HSL	109°, 45%, 60%
HSV	109°, 46%, 78%
XYZ	31.3894, 46.1935, 21.1718
YIQ	166.0870, -15.1680, -44.5120

Conversions

Conversions Part 2

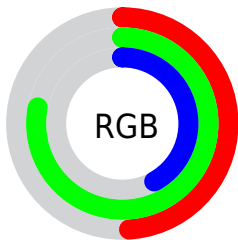
Format	Color
RYB	107, 199, 182
Decimal	8177515
CIELab	73.67, -40.90, 38.74
CIELCh	74, 56.335, 136.558
Yxy	46.1935, 0.3179, 0.4678
Android (android.graphics.Color)	4286367595 (0xFF7CC76B)
YUV	166.0870, -29.1299, -36.9103
Hunter-Lab	67.9658, -36.5013, 29.1068

Details

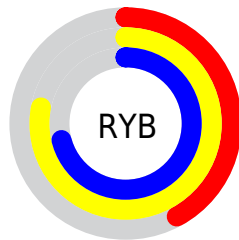
The Hex color **7CC76B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B66BC7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B4FFA0**, and **469039** is the 20% darker color. If you saturate the color by 10%, you get **6CC757**, and if you desaturate by 10%, it is **8CC77F**.

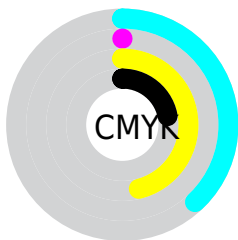
Distribution



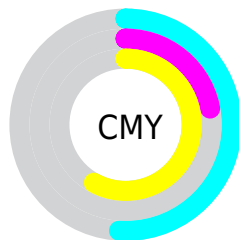
- Red (49%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (46%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CC76B 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 7CC76B by changing the saturation by 10% instead.

 7CC76B

 7CC76B

FFFFFF

 61AB52

 B4FFA0

 469039

 D0FFBB

 297620

 EDFFD7

 015D03

 FFFFF4

 004500

 002E00

 001500

 000000

 7CC76B

 7CC76B

 6CC757

 8CC77F

 5CC743

 9CC793

 4BC72F

 ADC7A7

 3BC71B

 BDC7BB

 2BC708

 CDC7CF

 25C700

 DDC7E2

 EEC7F6

 FEC7FF

 FFC7FF

Harmonies

Analogous

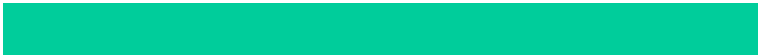
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7BB4D



7CC76B



00CD9B

Triad

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



7CC76B



00C1FF



FF899A

Complementary

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



7CC76B



B66BC7

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.



FF8BCF



7CC76B



91B1FF

Square

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



7CC76B



00CBFF



DD9CFD



FF976C

Rectangle

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



7CC76B



00CFBF



DD9CFD



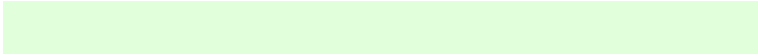
FF88AC

Sweetspot

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



7CC76B



E2FFDB



C7B56B



6E806A



000000



808080

Same Dimension

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



7CC76B



8DFF73



6BC787



5B635A



1EA300



072400

Inverse Universe

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



B66BC7



E573FF



C76BAB



625A63



8500A3



1D0024

Previews

White Background



This preview shows how the Hex color 7CC76B looks on a white background.

Color Contrast Check

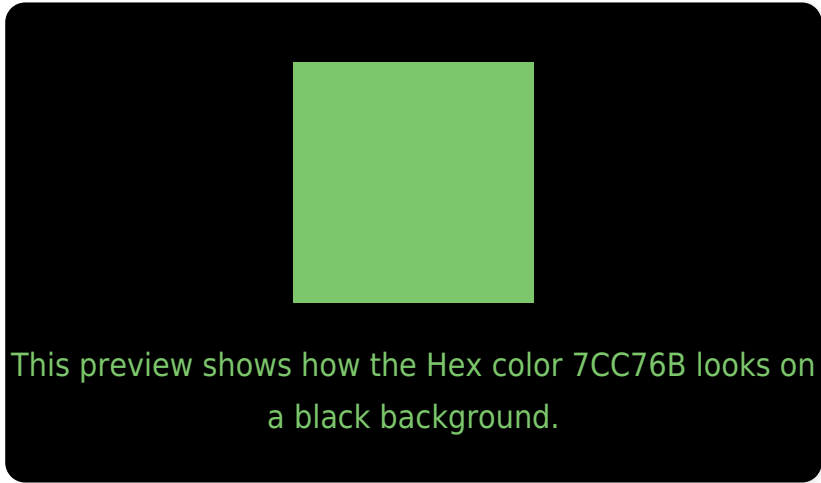
Large Text (above 18pt) WCAG AA × Fail

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

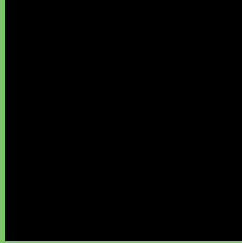
Any Text WCAG AA ✓ Pass

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 7CC76B Background



This preview shows how black text looks on a background with the Hex color 7CC76B.

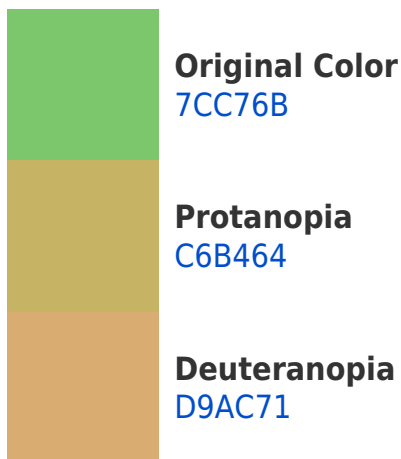


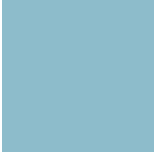
This preview shows how white text looks on a background with the Hex color 7CC76B.

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
8DBCCB

Trichromacy



Original Color
7CC76B



Protanomaly
ABBB67



Deuteranomaly
B7B66F

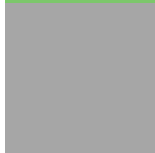


Tritanomaly
87C0A8

Monochromacy



Original Color
7CC76B



Achromatopsia
A6A6A6



Achromatomaly
97B291

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CC76B 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 #7CC76B looks like.

```
.text, #text, p{  
    color:#7CC76B  
}
```

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 #7CC76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC76B
}
```

Border

The CSS property to change the border of an element to Hex 7CC76B 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
#7CC76B }
```

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

```
.border{ border-color:#7CC76B }
```

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

Here you see how a box with a 4 pixel #7CC76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC76B; -webkit-box-shadow:4px 4px  
4px 4px #7CC76B; box-shadow:4px 4px 4px  
4px #7CC76B }
```

Background

The CSS property to change the background color of an element to Hex 7CC76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC76B }
```

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

```
.background{ background-color:#7CC76B }
```

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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