

Converting Colors

Hex(7CC46C)

Have a look what the booklet for
Hex(7CC46C) contains.

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Color

Hex(7CC46C)

Conversions

Conversions Part 1

Format	Color
Hex	7CC46C
RGB	124, 196, 108
RGB Percent	49%, 77%, 42%
CMY	0.5137, 0.2314, 0.5765
CMYK	0.37, 0.00, 0.45, 0.23
HSL	109°, 43%, 60%
HSV	109°, 45%, 77%
XYZ	30.7589, 44.8477, 21.2227
YIQ	164.4400, -14.6640, -42.6320

Conversions

Conversions Part 2

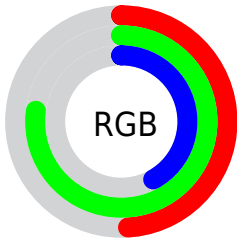
Format	Color
RYB	108, 196, 180
Decimal	8176748
CIELab	72.79, -39.44, 37.13
CIELCh	73, 54.169, 136.731
Yxy	44.8477, 0.3177, 0.4632
Android (android.graphics.Color)	4286366828 (0xFF7CC46C)
YUV	164.4400, -27.8249, -35.4659
Hunter-Lab	66.9684, -35.2088, 28.0885

Details

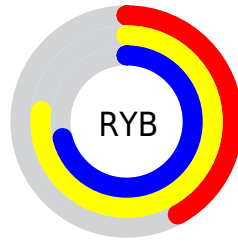
The Hex color **7CC46C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B46CC4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B3FDA1**, and **468E3A** is the 20% darker color. If you saturate the color by 10%, you get **6CC458**, and if you desaturate by 10%, it is **8CC480**.

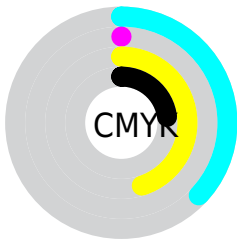
Distribution



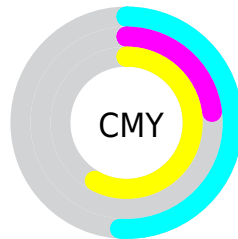
- Red (49%)
- Green (77%)
- Blue (42%)



- Red (42%)
- Yellow (77%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CC46C 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 7CC46C by changing the saturation by 10% instead.

 7CC46C

 7CC46C

FFFFFF

 61A853

 B3FDA1

 468E3A

 D0FFBC

 2A7422

 EDFFD8

 055A06

 FFFFF5

 004200

 002C00

 001100

 000000

 7CC46C

 7CC46C

 6CC458

 8CC480

 5CC445

 9CC493

 4CC431

 ACC4A7

 3CC41E

 BCC4BA

 2CC40A

 CCC4CE

 24C400

 DCC4E2

 ECC4F5

 FCC4FF

 FFC4FF

Harmonies

Analogous

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



B5B94F



7CC46C



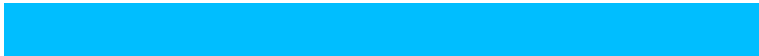
15CA9A

Triad

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



7CC46C



00BEFF



FF8999

Complementary

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



7CC46C



B46CC4

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.



FF8BCB



7CC46C



91AEFF

Square

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



7CC46C



00C8FA



DA9BF7



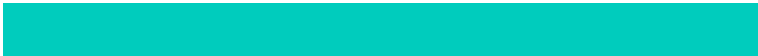
FF966C

Rectangle

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



7CC46C



00CCBD



DA9BF7



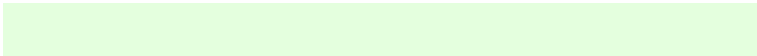
FF88A9

Sweetspot

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



7CC46C



E4FFDE



C4B46C



6F806B



000000



808080

Same Dimension

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



7CC46C



8EFF75



6CC488



596157



1DA100



062100

Inverse Universe

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



B46CC4



E675FF



C46CA8



5F5761



8300A1



1B0021

Previews

White Background



This preview shows how the Hex color 7CC46C looks on a white background.

Color Contrast Check

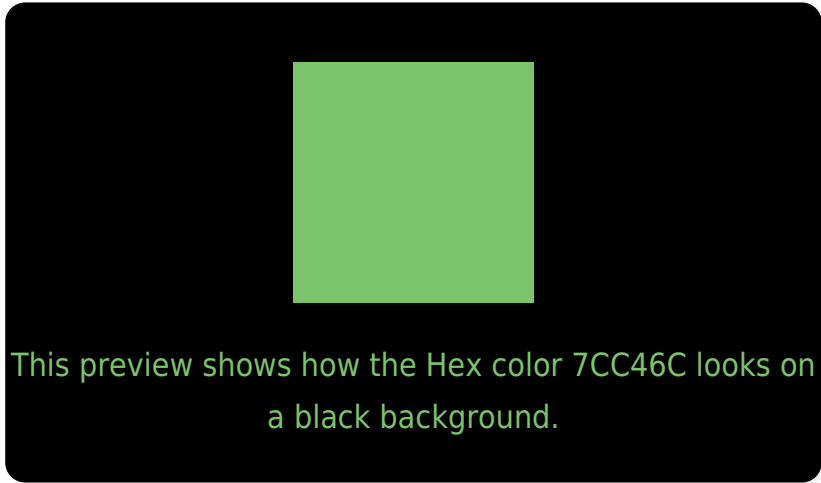
Large Text (above 18pt) WCAG AA × Fail

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

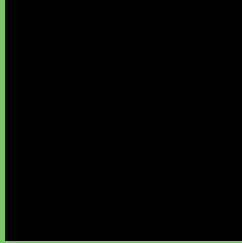
Any Text WCAG AA ✓ Pass

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 7CC46C Background



This preview shows how black text looks on a background with the Hex color 7CC46C.

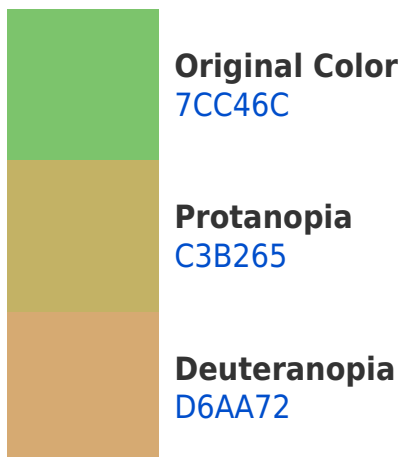


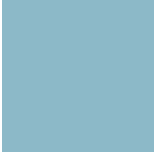
This preview shows how white text looks on a background with the Hex color 7CC46C.

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
8CB9C8

Trichromacy



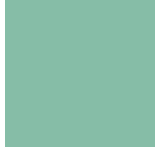
Original Color
7CC46C



Protanomaly
A9B968



Deuteranomaly
B5B370



Tritanomaly
86BDA7

Monochromacy



Original Color
7CC46C



Achromatopsia
A4A4A4



Achromatomaly
95B090

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CC46C 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 #7CC46C looks like.

```
.text, #text, p{  
    color:#7CC46C  
}
```

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 #7CC46C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC46C
}
```

Border

The CSS property to change the border of an element to Hex 7CC46C 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
#7CC46C }
```

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

```
.border{ border-color:#7CC46C }
```

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

Here you see how a box with a 4 pixel #7CC46C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC46C; -webkit-box-shadow:4px 4px  
4px 4px #7CC46C; box-shadow:4px 4px 4px  
4px #7CC46C }
```

Background

The CSS property to change the background color of an element to Hex 7CC46C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC46C }
```

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

```
.background{ background-color:#7CC46C }
```

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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