

Converting Colors

Hex(7CC471)

Have a look what the booklet for
Hex(7CC471) contains.

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Color

Hex(7CC471)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CC471 |
| RGB | 124, 196, 113 |
| RGB Percent | 49%, 77%, 44% |
| CMY | 0.5137, 0.2314, 0.5569 |
| CMYK | 0.37, 0.00, 0.42, 0.23 |
| HSL | 112°, 41%, 61% |
| HSV | 112°, 42%, 77% |
| XYZ | 31.0327, 44.9572, 22.6648 |
| YIQ | 165.0100, -16.2690, -41.0770 |

Conversions

Conversions Part 2

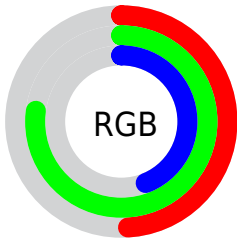
| Format | Color |
|-------------------------------------|--------------------------------------------------|
| RYB | 113, 196, 185 |
| Decimal | 8176753 |
| CIELab | 72.86, -38.74, 34.68 |
| CIELCh | 73, 51.996, 138.161 |
| Yxy | 44.9572, 0.3146, 0.4557 |
| Android (android.graphics.Color) | 4286366833 (0xFF7CC471) |
| YUV | 165.0100, -25.6409, -35.9658 |
| Hunter-Lab | 67.0501, -34.7227, 26.8934 |

Details

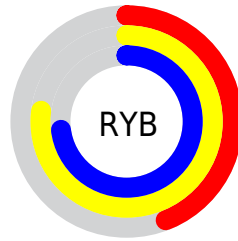
The Hex color **7CC471** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B971C4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B3FDA6**, and **468E3F** is the 20% darker color. If you saturate the color by 10%, you get **6BC45D**, and if you desaturate by 10%, it is **8DC485**.

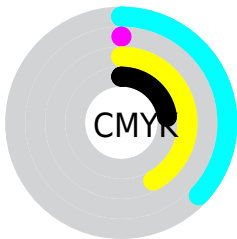
Distribution



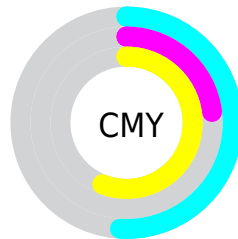
- Red (49%)
- Green (77%)
- Blue (44%)



- Red (44%)
- Yellow (77%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (42%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CC471 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 7CC471 by changing the saturation by 10% instead.

 7CC471

 7CC471

FFFFFF

 61A858

 B3FDA6

 468E3F

 D0FFC1

 2B7427

 EDFFDE

 065B0E

 FFFFAA

 004200

 002C00

 001200

 000000

 7CC471

 7CC471

 6BC45D

 8DC485

 5AC44A

 9EC498

 49C436

 AFC4AC

 38C423

 C0C4BF

 27C40F

 D1C4D3

 1AC400

 E2C4E7

 F3C4FA

 FFC4FF

Harmonies

Analogous

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



B3B955



7CC471



21CA9E

Triad

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



7CC471



0DBDFF



FF8C98

Complementary

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



7CC471



B971C4

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.



FF8DC8



7CC471



98AEFF

Square

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



7CC471



00C7F9



DB9BF3



FF986E

Rectangle

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



7CC471



00CBBF



DB9BF3



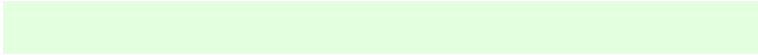
FF8BA8

Sweetspot

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



7CC471



E2FFDE



C4B971



6E806B



000000



808080

Same Dimension

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



7CC471



8EFF7D



71C48F



586157



15A100



042100

Inverse Universe

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



B971C4



EE7DFF



C471A6



605761



8B00A1



1D0021

Previews

White Background



This preview shows how the Hex color 7CC471 looks on a white background.

Color Contrast Check

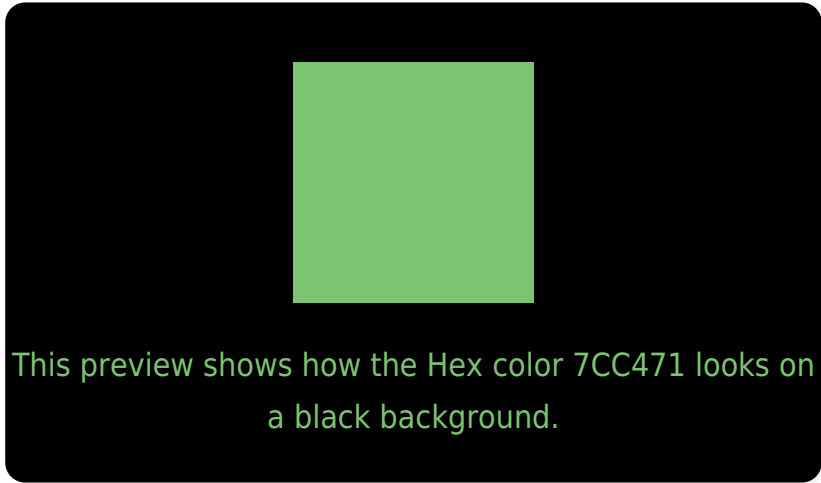
Large Text (above 18pt) WCAG AA × Fail

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

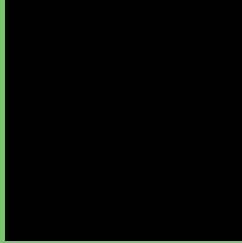
Any Text WCAG AA ✓ Pass

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 7CC471 Background



This preview shows how black text looks on a background with the Hex color 7CC471.

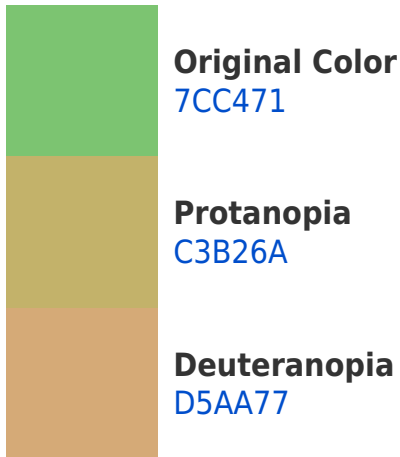


This preview shows how white text looks on a background with the Hex color 7CC471.

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



Trichromacy



Original Color
7CC471



Protanomaly
A9B96D



Deuteranomaly
B5B375



Tritanomaly
86BEA9

Monochromacy



Original Color
7CC471



Achromatopsia
A5A5A5



Achromatomaly
96B092

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CC471 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 #7CC471 looks like.

```
.text, #text, p{  
    color:#7CC471  
}
```

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 #7CC471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC471
}
```

Border

The CSS property to change the border of an element to Hex 7CC471 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
#7CC471 }
```

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

```
.border{ border-color:#7CC471 }
```

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

Here you see how a box with a 4 pixel #7CC471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC471; -webkit-box-shadow:4px 4px  
4px 4px #7CC471; box-shadow:4px 4px 4px  
4px #7CC471 }
```

Background

The CSS property to change the background color of an element to Hex 7CC471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC471 }
```

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

```
.background{ background-color:#7CC471 }
```

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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