

# Converting Colors

Hex(70C481)

Have a look what the booklet for  
Hex(70C481) contains.

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# Color

**Hex(70C481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70C481
RGB	112, 196, 129
RGB Percent	44%, 77%, 51%
CMY	0.5608, 0.2314, 0.4941
CMYK	0.43, 0.00, 0.34, 0.23
HSL	132°, 42%, 60%
HSV	132°, 43%, 77%
XYZ	30.3845, 44.5096, 27.7587
YIQ	163.2460, -28.5570, -38.6450

# Conversions

## Conversions Part 2

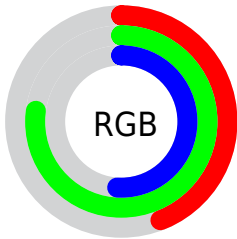
Format	Color
<a href="#">RYB</a>	<a href="#">112, 182, 196</a>
Decimal	<a href="#">7390337</a>
CIELab	<a href="#">72.57, -39.88, 25.89</a>
CIElCh	<a href="#">73, 47.543, 147.010</a>
Yxy	<a href="#">44.5096, 0.2960, 0.4336</a>
Android (android.graphics.Color)	<a href="#">4285580417 (0xFF70C481)</a>
YUV	<a href="#">163.2460, -16.8833, -44.9427</a>
Hunter-Lab	<a href="#">66.7155, -35.4573, 22.0318</a>

# Details

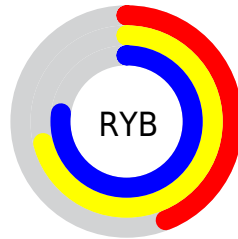
The Hex color **70C481** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C470B3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A7FDB6**, and **398E4F** is the 20% darker color. If you saturate the color by 10%, you get **5CC471**, and if you desaturate by 10%, it is **84C491**.

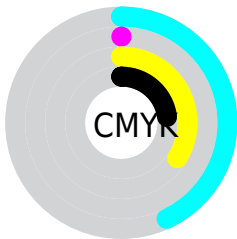
# Distribution



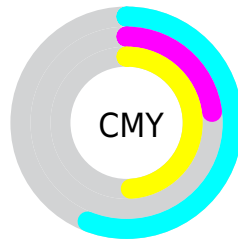
- Red (44%)
- Green (77%)
- Blue (51%)



- Red (44%)
- Yellow (71%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70C481 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 70C481 by changing the saturation by 10% instead.





70C481



70C481

FFFFFF



55A868



A7FDB6



398E4F



C4FFD2



1A7437



E1FFE9



005A21

FEFFFF



00420A



002B00



001000



000000



70C481



70C481

 5CC471

 84C491

 49C462

 97C4A0

 35C452

 ABC4B0

 22C442

 BEC4C0

 0EC433

 D2C4CF

 00C428

 E6C4DF

 F9C4EE

 FFC4FE

 FFC4FF

# Harmonies

## Analogous

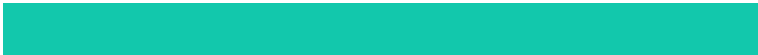
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5BB62



70C481



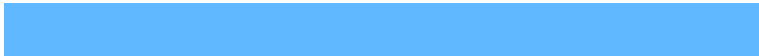
12C8AC

# Triad

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



70C481



60B8FF



FF928D

# Complementary

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



70C481



C470B3

# 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.



FF8FB8



70C481



AFA8FF

# Square

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



70C481



00C3FA



E498E2



F29E6A

# Rectangle

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



70C481



00C9CA



E498E2



FF8F9B

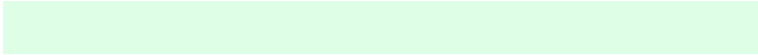


# Sweetspot

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



70C481



DEFFE5



B3C470



6B806F



000000



808080



# Same Dimension

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



70C481



7DFF97



70C4AB



576159



00A121



002107



# Inverse Universe

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



C470B3



FF7DE5



C47089



61575F



A10080



21001A



# Previews

## White Background



This preview shows how the Hex color 70C481 looks on a white background.

## Color Contrast Check

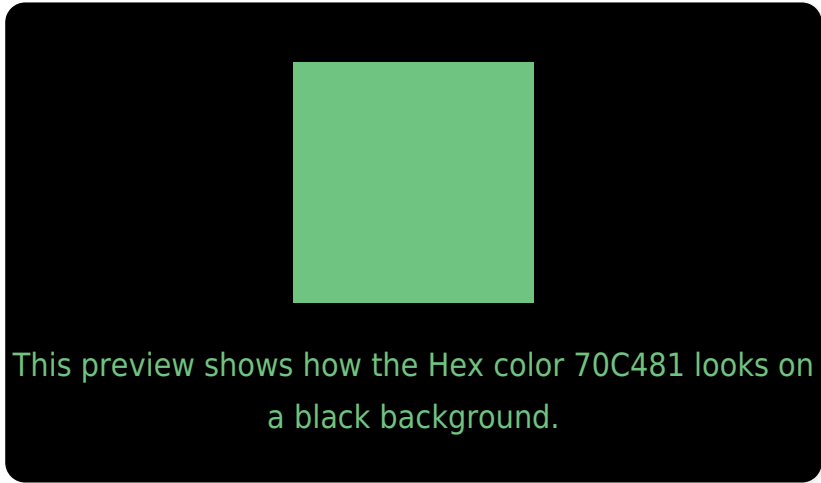
Large Text (above 18pt) WCAG AA × Fail

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

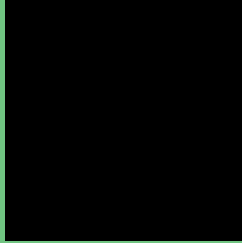
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70C481 Background



This preview shows how black text looks on a background with the Hex color 70C481.

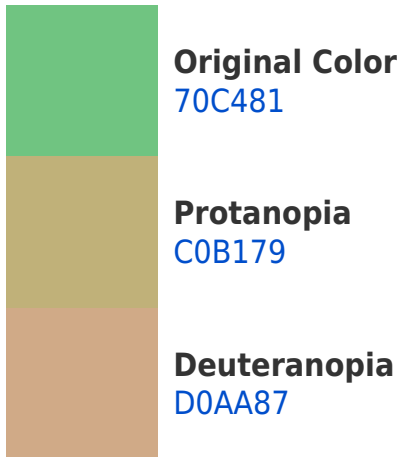


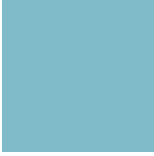
This preview shows how white text looks on a background with the Hex color 70C481.

# 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**  
80BBCA

# Trichromacy



**Original Color**  
70C481



**Protanomaly**  
A3B87C



**Deuteranomaly**  
ADB385



**Tritanomaly**  
7ABEAF

# Monochromacy



**Original Color**  
70C481



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
90AF97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70C481 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 #70C481 looks like.

```
.text, #text, p{  
    color:#70C481  
}
```

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 #70C481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C481
}
```

## Border

The CSS property to change the border of an element to Hex 70C481 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
#70C481 }
```

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

```
.border{ border-color:#70C481 }
```

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

Here you see how a box with a 4 pixel #70C481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C481; -webkit-box-shadow:4px 4px  
4px 4px #70C481; box-shadow:4px 4px 4px  
4px #70C481 }
```

# Background

The CSS property to change the background color of an element to Hex 70C481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C481 }
```

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

```
.background{ background-color:#70C481 }
```

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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