

# Converting Colors

Hex(7CCFA3)

Have a look what the booklet for  
Hex(7CCFA3) contains.

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**Color**

**Hex(7CCFA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CCFA3
RGB	124, 207, 163
RGB Percent	49%, 81%, 64%
CMY	0.5137, 0.1882, 0.3608
CMYK	0.40, 0.00, 0.21, 0.19
HSL	148°, 46%, 65%
HSV	148°, 40%, 81%
XYZ	37.2359, 51.5551, 42.6389
YIQ	177.1670, -35.3440, -31.2800

# Conversions

## Conversions Part 2

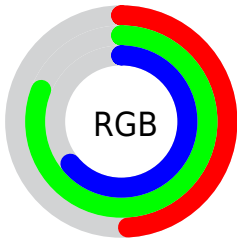
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 180, 207</a>
Decimal	<a href="#">8179619</a>
CIELab	<a href="#">77.01, -35.07, 14.05</a>
CIELCh	<a href="#">77, 37.774, 158.171</a>
Yxy	<a href="#">51.5551, 0.2833, 0.3923</a>
Android (android.graphics.Color)	<a href="#">4286369699 (0xFF7CCFA3)</a>
YUV	<a href="#">177.1670, -6.9843, -46.6275</a>
Hunter-Lab	<a href="#">71.8019, -33.0846, 15.0524</a>

# Details

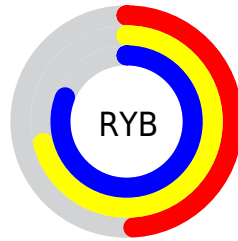
The Hex color **7CCFA3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF7CA8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B4FFDA**, and **46986F** is the 20% darker color. If you saturate the color by 10%, you get **67CF98**, and if you desaturate by 10%, it is **91CFAE**.

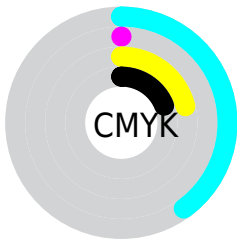
# Distribution



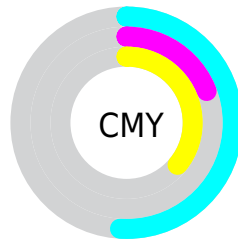
- Red (49%)
- Green (81%)
- Blue (64%)



- Red (49%)
- Yellow (71%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CCFA3 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 7CCFA3 by changing the saturation by 10% instead.



 7CCFA3

 7CCFA3

FFFFFF

 61B389

 B4FFDA

 46986F

 D0FFF6

 297E57

 EDFFFF

 01643F

 004C29

 003414

 002000

 000000

 7CCFA3

 7CCFA3

 67CF98

 91CFAE

 53CF8D

 A5CFB9

 3ECF82

 BACFC4

 29CF77

 CFCFCF

 14CF6C

 E4CFDA

 00CF61

 F8CFE5

 FFCFF0

 FFCFFB

 FFCFFF

# Harmonies

## Analogous

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



A6C986



7CCFA3



51D1C7

# Triad

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



7CCFA3



9DBEFF



FFA895

# Complementary

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



7CCFA3



CF7CA8

# 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.



FFA3B6



7CCFA3



CFB2F5

# Square

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



7CCFA3



64C9FE



F2A7D9



EBB37E

# Rectangle

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



7CCFA3



3ED0DE



F2A7D9



FFA69F

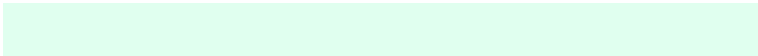


# Sweetspot

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



7CCFA3



E0FFEF



A8CF7C



6E8076



000000



808080



# Same Dimension

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



7CCFA3



85FFBE



7CCFCC



5E6963



00A84F



002913



# Inverse Universe

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



CF7CA8



FF85C5



CF7C7F



695E64



A80059

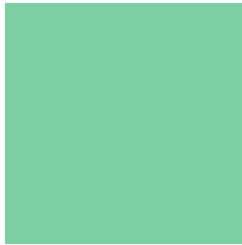


290016



# Previews

## White Background



This preview shows how the Hex color 7CCFA3 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



This preview shows how the Hex color 7CCFA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

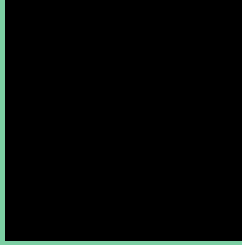
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CCFA3 Background



This preview shows how black text looks on a background with the Hex color 7CCFA3.

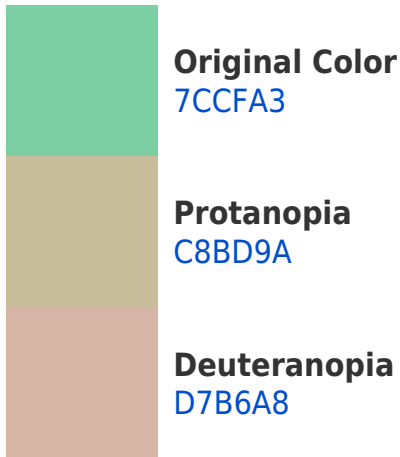


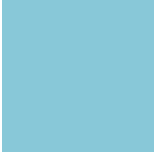
This preview shows how white text looks on a background with the Hex color 7CCFA3.

# 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**  
88C8D8

# Trichromacy



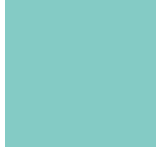
**Original Color**  
7CCFA3



**Protanomaly**  
ACC49D



**Deuteranomaly**  
B6BFA6



**Tritanomaly**  
84CBC5

# Monochromacy



**Original Color**  
7CCFA3



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
9EBCAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CCFA3 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 #7CCFA3 looks like.

```
.text, #text, p{  
    color:#7CCFA3  
}
```

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 #7CCFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CCFA3
}
```

## Border

The CSS property to change the border of an element to Hex 7CCFA3 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
#7CCFA3 }
```

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

```
.border{ border-color:#7CCFA3 }
```

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

Here you see how a box with a 4 pixel #7CCFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CCFA3; -webkit-box-shadow:4px 4px  
4px 4px #7CCFA3; box-shadow:4px 4px 4px  
4px #7CCFA3 }
```

# Background

The CSS property to change the background color of an element to Hex 7CCFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CCFA3 }
```

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

```
.background{ background-color:#7CCFA3 }
```

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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