

Converting Colors

Hex(74CFA7)

Have a look what the booklet for
Hex(74CFA7) contains.

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Color

Hex(74CFA7)

Conversions

Conversions Part 1

Format	Color
Hex	74CFA7
RGB	116, 207, 167
RGB Percent	45%, 81%, 65%
CMY	0.5451, 0.1882, 0.3451
CMYK	0.44, 0.00, 0.19, 0.19
HSL	154°, 49%, 63%
HSV	154°, 44%, 81%
XYZ	36.4903, 51.1287, 44.5048
YIQ	175.2310, -41.3960, -31.7320

Conversions

Conversions Part 2

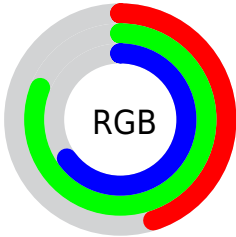
Format	Color
RYB	116, 174, 207
Decimal	7655335
CIELab	76.76, -36.42, 11.50
CIElCh	77, 38.188, 162.476
Yxy	51.1287, 0.2762, 0.3870
Android (android.graphics.Color)	4285845415 (0xFF74CFA7)
YUV	175.2310, -4.0579, -51.9456
Hunter-Lab	71.5043, -34.0398, 13.1505

Details

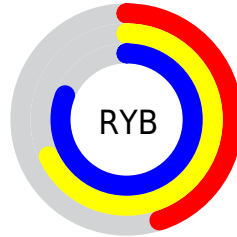
The Hex color **74CFA7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF749C**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **ACFFDE**, and **3C9873** is the 20% darker color. If you saturate the color by 10%, you get **5FCF9E**, and if you desaturate by 10%, it is **89CFB0**.

Distribution



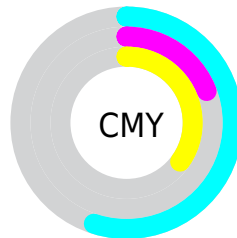
- Red (45%)
- Green (81%)
- Blue (65%)



- Red (45%)
- Yellow (68%)
- Blue (81%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (55%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74CFA7 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 74CFA7 by changing the saturation by 10% instead.



74CFA7



74CFA7

FFFFFF



58B38D



ACFFDE



3C9873



C9FFFB



1C7E5A



E6FFFF



006443



004C2D



003418



001F00



000000



74CFA7



74CFA7

 5FCF9E

 89CFB0

 4BCF95

 9DCFB9

 36CF8C

 B2CFC2

 21CF83

 C7CFCB

 0DCF7A

 DCCFD4

 00CF74

 F0CFDE

 FFCFE7

 FFCFF0

 FFCFF9

Harmonies

Analogous

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



9FC988



74CFA7



48D1CB

Triad

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



74CFA7



A3BCFF



FDA98F

Complementary

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



74CFA7



CF749C

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.



FFA2B0



74CFA7



D5AFF2

Square

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



74CFA7



6AC7FF



F6A5D4



E7B47A

Rectangle

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



74CFA7



38CFE2



F6A5D4



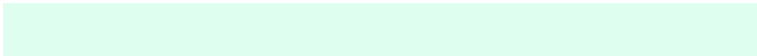
FFA699

Sweetspot

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



74CFA7



DEFFF0



9DCF74



6B8077



000000



808080

Same Dimension

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



74CFA7



78FFC4



74CACF



5E6964



00A85E



002917

Inverse Universe

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



CF749C



FF78B3



CF7974



695E63



A8004A



290012

Previews

White Background



This preview shows how the Hex color 74CFA7 looks on a white background.

Color Contrast Check

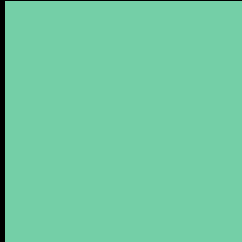
Large Text (above 18pt) WCAG AA × Fail

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 74CFA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

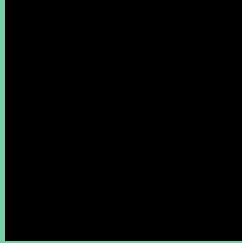
Any Text WCAG AA ✓ Pass

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 74CFA7 Background



This preview shows how black text looks on a background with the Hex color 74CFA7.

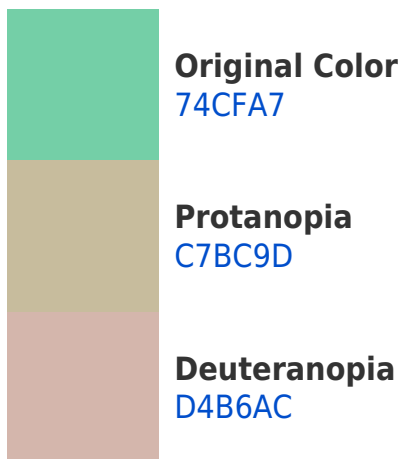


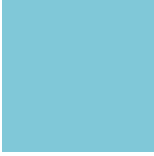
This preview shows how white text looks on a background with the Hex color 74CFA7.

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
80C8D8

Trichromacy



Original Color

74CFA7



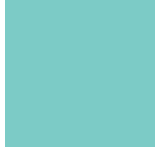
Protanomaly

A9C3A1



Deuteranomaly

B1BFAA



Tritanomaly

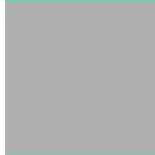
7CCBC6

Monochromacy



Original Color

74CFA7



Achromatopsia

AFAFAF



Achromatomaly

9ABBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 74CFA7 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 #74CFA7 looks like.

```
.text, #text, p{  
    color:#74CFA7  
}
```

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 #74CFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74CFA7
}
```

Border

The CSS property to change the border of an element to Hex 74CFA7 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
#74CFA7 }
```

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

```
.border{ border-color:#74CFA7 }
```

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

Here you see how a box with a 4 pixel #74CFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74CFA7; -webkit-box-shadow:4px 4px  
4px 4px #74CFA7; box-shadow:4px 4px 4px  
4px #74CFA7 }
```

Background

The CSS property to change the background color of an element to Hex 74CFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74CFA7 }
```

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

```
.background{ background-color:#74CFA7 }
```

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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