

Converting Colors

Hex(74C1A6)

Have a look what the booklet for
Hex(74C1A6) contains.

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Color

Hex(74C1A6)

Conversions

Conversions Part 1

Format	Color
Hex	74C1A6
RGB	116, 193, 166
RGB Percent	45%, 76%, 65%
CMY	0.5451, 0.2431, 0.3490
CMYK	0.40, 0.00, 0.14, 0.24
HSL	159°, 38%, 61%
HSV	159°, 40%, 76%
XYZ	33.1554, 44.6061, 42.9388
YIQ	166.8990, -37.2250, -24.7210

Conversions

Conversions Part 2

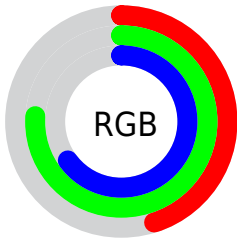
Format	Color
RYB	116, 163, 193
Decimal	7651750
CIELab	72.63, -30.06, 6.15
CIElCh	73, 30.684, 168.441
Yxy	44.6061, 0.2747, 0.3696
Android (android.graphics.Color)	4285841830 (0xFF74C1A6)
YUV	166.8990, -0.4432, -44.6384
Hunter-Lab	66.7878, -28.2662, 8.6331

Details

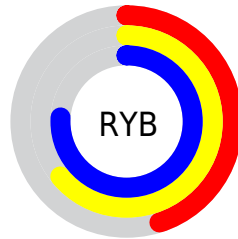
The Hex color **74C1A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C1748F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ABFADD**, and **3E8B72** is the 20% darker color. If you saturate the color by 10%, you get **61C19F**, and if you desaturate by 10%, it is **87C1AD**.

Distribution



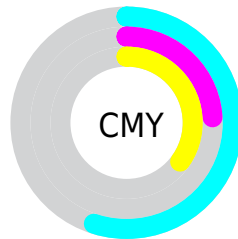
- Red (45%)
- Green (76%)
- Blue (65%)



- Red (45%)
- Yellow (64%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74C1A6 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 74C1A6 by changing the saturation by 10% instead.



74C1A6



74C1A6

FFFFFF



59A68C



ABFADD



3E8B72



C7FFFA



21715A



E4FFFF



005842



00402C



002A18



001100



000000



74C1A6



74C1A6

■ 61C19F

■ 87C1AD

■ 4DC198

■ 9BC1B4

■ 3AC192

■ AEC1BA

■ 27C18B

■ C1C1C1

■ 14C184

■ D4C1C8

■ 00C17D

■ E8C1CF

■ FBC1D5

■ FFC1DC

■ FFC1E3

Harmonies

Analogous

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



94BD8C



74C1A6



5CC2C3

Triad

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



74C1A6



A7AFE7



E3A489

Complementary

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



74C1A6



C1748F

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.



EB9EA2



74C1A6



CBA5D8

Square

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



74C1A6



7EB8E9



E39EBE



D0AD7C

Rectangle

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



74C1A6



59C0D4



E39EBE



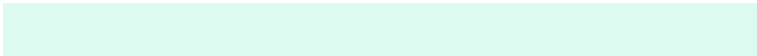
E7A191

Sweetspot

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



74C1A6



DCFAEF



90C174



6B7D77



FCFCFC



7D7D7D

Same Dimension

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



74C1A6



82FAD0



74B7C1



57615E



00A168



002116

Inverse Universe

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



C1748F



FA82AC



C17E74



61575B



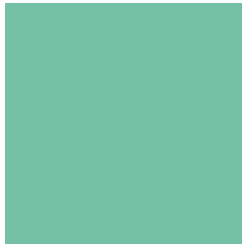
A10038



21000C

Previews

White Background



This preview shows how the Hex color 74C1A6 looks on a white background.

Color Contrast Check

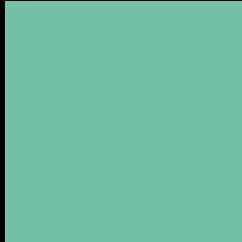
Large Text (above 18pt) WCAG AA × Fail

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 74C1A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

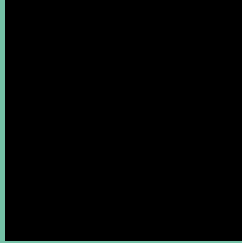
Any Text WCAG AA ✓ Pass

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 74C1A6 Background



This preview shows how black text looks on a background with the Hex color 74C1A6.

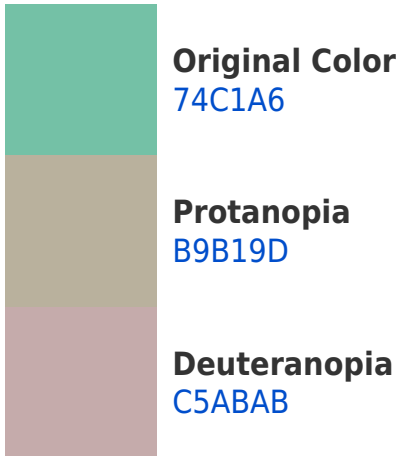


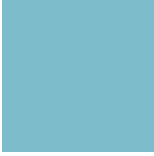
This preview shows how white text looks on a background with the Hex color 74C1A6.

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





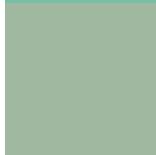
Tritanopia
7DBCCB

Trichromacy



Original Color

74C1A6



Protanomaly

A0B7A0



Deuteranomaly

A8B3A9



Tritanomaly

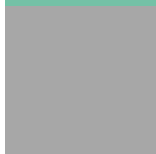
7ABEBE

Monochromacy



Original Color

74C1A6



Achromatopsia

A7A7A7



Achromatomaly

94B0A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 74C1A6 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 #74C1A6 looks like.

```
.text, #text, p{  
    color:#74C1A6  
}
```

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 #74C1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C1A6
}
```

Border

The CSS property to change the border of an element to Hex 74C1A6 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
#74C1A6 }
```

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

```
.border{ border-color:#74C1A6 }
```

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

Here you see how a box with a 4 pixel #74C1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C1A6; -webkit-box-shadow:4px 4px  
4px 4px #74C1A6; box-shadow:4px 4px 4px  
4px #74C1A6 }
```

Background

The CSS property to change the background color of an element to Hex 74C1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C1A6 }
```

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

```
.background{ background-color:#74C1A6 }
```

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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