

Converting Colors

Hex(75C6A6)

Have a look what the booklet for
Hex(75C6A6) contains.

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Color

Hex(75C6A6)

Conversions

Conversions Part 1

Format	Color
Hex	75C6A6
RGB	117, 198, 166
RGB Percent	46%, 78%, 65%
CMY	0.5412, 0.2235, 0.3490
CMYK	0.41, 0.00, 0.16, 0.22
HSL	156°, 42%, 62%
HSV	156°, 41%, 78%
XYZ	34.4131, 46.9232, 43.3197
YIQ	170.1330, -38.0040, -27.1240

Conversions

Conversions Part 2

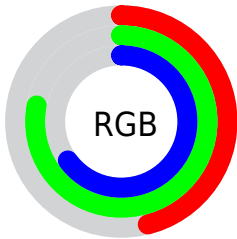
Format	Color
RYB	117, 167, 198
Decimal	7718566
CIELab	74.14, -32.17, 8.32
CIELCh	74, 33.227, 165.504
Yxy	46.9232, 0.2761, 0.3764
Android (android.graphics.Color)	4285908646 (0xFF75C6A6)
YUV	170.1330, -2.0376, -46.5976
Hunter-Lab	68.5005, -30.2016, 10.4554

Details

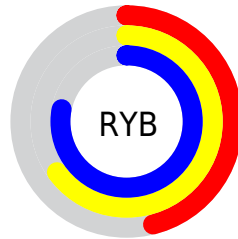
The Hex color **75C6A6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C67595**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **ACFFDD**, and **3F9072** is the 20% darker color. If you saturate the color by 10%, you get **61C69E**, and if you desaturate by 10%, it is **89C6AE**.

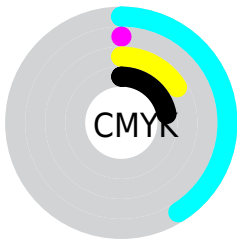
Distribution



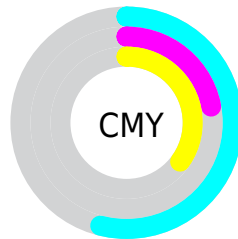
- Red (46%)
- Green (78%)
- Blue (65%)



- Red (46%)
- Yellow (65%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C6A6 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 75C6A6 by changing the saturation by 10% instead.



75C6A6



75C6A6

FFFFFF



5AAA8C



ACFFDD



3F9072



C9FFFA



21765A



E6FFFF



005D42



00442C



002D17



001700



000000



75C6A6



75C6A6

 61C69E

 89C6AE

 4DC696

 9DC6B6

 3AC68F

 B0C6BD

 26C687

 C4C6C5

 12C67F

 D8C6CD

 00C678

 ECC6D5

 FFC6DD

 FFC6E5

 FFC6EC

Harmonies

Analogous

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



99C18B



75C6A6



57C7C5

Triad

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



75C6A6



A5B4F1



EDA58C

Complementary

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



75C6A6



C67595

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.



F3A0A7



75C6A6



CEA9E1

Square

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



75C6A6



77BEF1



E9A1C6



D9AF7C

Rectangle

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



75C6A6



50C6D9



E9A1C6



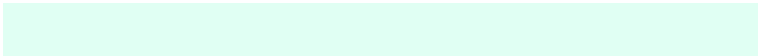
F1A394

Sweetspot

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



75C6A6



E0FFF3



95C675



6E8078



000000



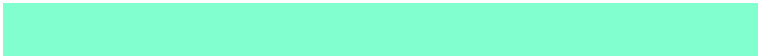
808080

Same Dimension

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



75C6A6



82FFCE



75BEC6



5A6360



00A363



002416

Inverse Universe

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



C67595



FF82B3



C67D75



635A5D



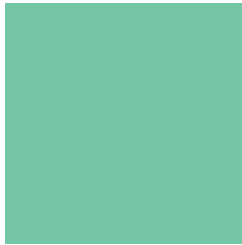
A30040



24000E

Previews

White Background



This preview shows how the Hex color 75C6A6 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 75C6A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

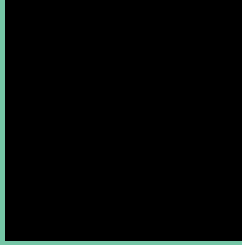
Any Text WCAG AA ✓ Pass

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 75C6A6 Background



This preview shows how black text looks on a background with the Hex color 75C6A6.

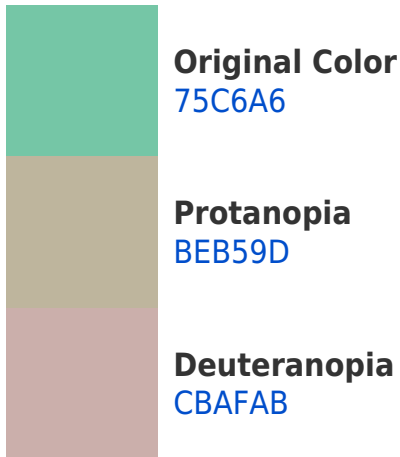


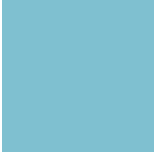
This preview shows how white text looks on a background with the Hex color 75C6A6.

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
7FC0D0

Trichromacy



Original Color
75C6A6



Protanomaly
A3BBA0



Deuteranomaly
ACB7A9

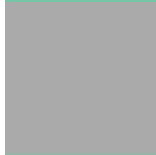


Tritanomaly
7BC2C1

Monochromacy



Original Color
75C6A6



Achromatopsia
AAAAAA



Achromatomaly
97B4A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 75C6A6 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 #75C6A6 looks like.

```
.text, #text, p{  
    color:#75C6A6  
}
```

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 #75C6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C6A6
}
```

Border

The CSS property to change the border of an element to Hex 75C6A6 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
#75C6A6 }
```

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

```
.border{ border-color:#75C6A6 }
```

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

Here you see how a box with a 4 pixel #75C6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C6A6; -webkit-box-shadow:4px 4px  
4px 4px #75C6A6; box-shadow:4px 4px 4px  
4px #75C6A6 }
```

Background

The CSS property to change the background color of an element to Hex 75C6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C6A6 }
```

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

```
.background{ background-color:#75C6A6 }
```

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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