

Converting Colors

Hex(71C6C6)

Have a look what the booklet for
Hex(71C6C6) contains.

Hex(71C6C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71C6C6)

Conversions

Conversions Part 1

Format	Color
Hex	71C6C6
RGB	113, 198, 198
RGB Percent	44%, 78%, 78%
CMY	0.5569, 0.2235, 0.2235
CMYK	0.43, 0.00, 0.00, 0.22
HSL	180°, 43%, 61%
HSV	180°, 43%, 78%
XYZ	37.1972, 47.9761, 60.7259
YIQ	172.5850, -50.6600, -18.0200

Conversions

Conversions Part 2

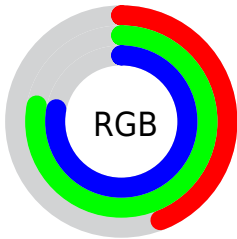
Format	Color
R_{YB}	113, 156, 198
Decimal	7456454
CIE _{Lab}	74.81, -25.69, -8.06
CIE _{LCh}	75, 26.926, 197.414
Yxy	47.9761, 0.2550, 0.3288
Android (android.graphics.Color)	4285646534 (0xFF71C6C6)
YUV	172.5850, 12.5296, -52.2560
Hunter-Lab	69.2648, -25.3537, -3.4955

Details

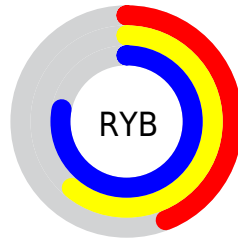
The Hex color **71C6C6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C67171**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A9FFFF**, and **389090** is the 20% darker color. If you saturate the color by 10%, you get **5DC6C6**, and if you desaturate by 10%, it is **85C6C6**.

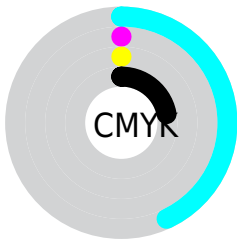
Distribution



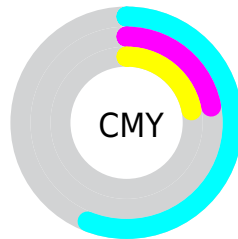
- Red (44%)
- Green (78%)
- Blue (78%)



- Red (44%)
- Yellow (61%)
- Blue (78%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C6C6 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 71C6C6 by changing the saturation by 10% instead.

 71C6C6

 71C6C6

FFFFFF

 55ABAB

 A9FFFF

 389090

 C6FFFF

 137677

 E3FFFF

 005D5E

 004546

 002E30

 001A1B

 000000

 71C6C6

 71C6C6

 5DC6C6

 85C6C6

 49C6C6

 99C6C6

 36C6C6

 ACC6C6

 22C6C6

 C0C6C6

 0EC6C6

 D4C6C6

 00C6C6

 E8C6C6

 FCC6C6

 FFC6C6

Harmonies

Analogous

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



84C5AC



71C6C6



73C3DC

Triad

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



71C6C6



CEADDA



D4B388

Complementary

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



71C6C6



C67171

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.



E5AB95



71C6C6



E3A7C4

Square

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



71C6C6



AEB5E7



EBA6AA



BBBB89

Rectangle

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



71C6C6



81C0E5



EBA6AA



DBB08B

Sweetspot

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



71C6C6



DEFFFF



71C671



6B8080



000000



808080

Same Dimension

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



71C6C6



7AFFFF



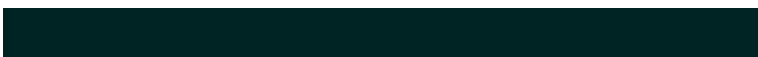
719CC6



5A6363



00A3A3



002424

Inverse Universe

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



C671C6



FF7AFF



C69C71



635A63



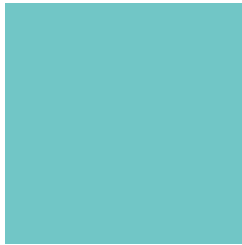
A300A3



240024

Previews

White Background



This preview shows how the Hex color 71C6C6 looks on a white background.

Color Contrast Check

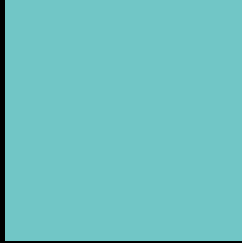
Large Text (above 18pt) WCAG AA × Fail

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 71C6C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

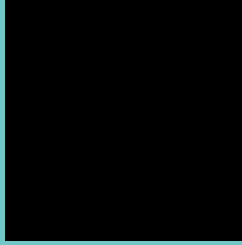
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

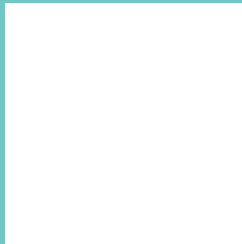
Any Text WCAG AAA ✓ Pass

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

Hex 71C6C6 Background



This preview shows how black text looks on a background with the Hex color 71C6C6.

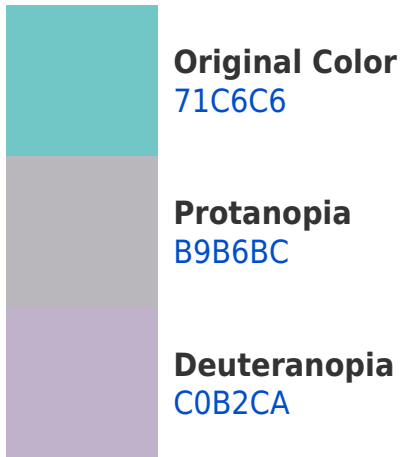


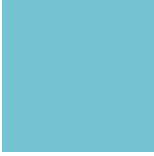
This preview shows how white text looks on a background with the Hex color 71C6C6.

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
75C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C6C6 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 #71C6C6 looks like.

```
.text, #text, p{  
    color:#71C6C6  
}
```

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 #71C6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C6C6  
}
```

Border

The CSS property to change the border of an element to Hex 71C6C6 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  
#71C6C6 }
```

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

```
.border{ border-color:#71C6C6 }
```

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

Here you see how a box with a 4 pixel #71C6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C6C6; -webkit-box-shadow:4px 4px  
4px 4px #71C6C6; box-shadow:4px 4px 4px  
4px #71C6C6 }
```

Background

The CSS property to change the background color of an element to Hex 71C6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C6C6 }
```

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

```
.background{ background-color:#71C6C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor