

Converting Colors

Hex(74BEC7)

Have a look what the booklet for
Hex(74BEC7) contains.

Hex(74BEC7)	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(74BEC7)

Conversions

Conversions Part 1

Format	Color
Hex	74BEC7
RGB	116, 190, 199
RGB Percent	45%, 75%, 78%
CMY	0.5451, 0.2549, 0.2196
CMYK	0.42, 0.05, 0.00, 0.22
HSL	187°, 43%, 62%
HSV	187°, 42%, 78%
XYZ	35.9247, 44.6634, 60.7603
YIQ	168.9000, -46.9930, -12.8890

Conversions

Conversions Part 2

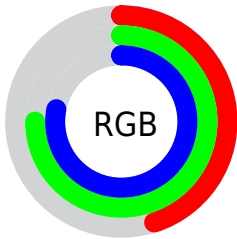
Format	Color
RYB	116, 155, 199
Decimal	7651015
CIELab	72.67, -20.69, -11.78
CIELCh	73, 23.805, 209.659
Yxy	44.6634, 0.2542, 0.3160
Android (android.graphics.Color)	4285841095 (0xFF74BEC7)
YUV	168.9000, 14.8393, -46.3933
Hunter-Lab	66.8307, -21.0014, -7.1230

Details

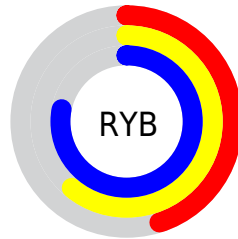
The Hex color **74BEC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C77D74**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ACF6FF**, and **3C8891** is the 20% darker color. If you saturate the color by 10%, you get **60BCC7**, and if you desaturate by 10%, it is **88C0C7**.

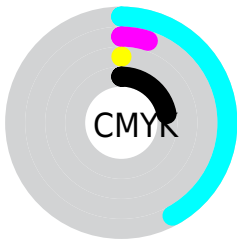
Distribution



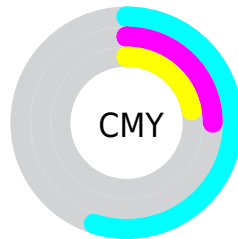
- Red (45%)
- Green (75%)
- Blue (78%)



- Red (45%)
- Yellow (61%)
- Blue (78%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BEC7 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 74BEC7 by changing the saturation by 10% instead.

 74BEC7

 74BEC7

FFFFFF

 58A3AC

 ACF6FF

 3C8891

 C8FFFF

 1C6F77

 E5FFFF

 00565F

 003F47

 002831

 00121C

 000000

 74BEC7

 74BEC7

60BCC7

88C0C7

4CBAC7

9CC2C7

38B8C7

B0C4C7

24B5C7

C4C7C7

10B3C7

D8C9C7

00B1C7

EBCBC7

FFCDC7

FFCFC7

FFD1C7

Harmonies

Analogous

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



7DBFB1



74BEC7



7EBAD7

Triad

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



74BEC7



CEA6C9



C3B187

Complementary

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



74BEC7



C77D74

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.



D5AA8D



74BEC7



DCA3B3

Square

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



74BEC7



B6ADD8



DEA49E



ABB78C

Rectangle

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



74BEC7



8EB7DD



DEA49E



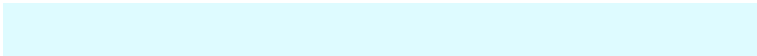
CAAE88

Sweetspot

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



74BEC7



DEFBFF



74C77C



6B7D80



000000



808080

Same Dimension

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



74BEC7



80F1FF



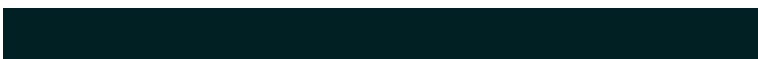
7495C7



5A6263



0092A3



002024

Inverse Universe

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



C774BE



FF80F1



C7A674



635A62



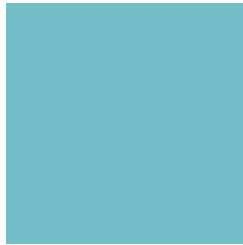
A30092



240020

Previews

White Background



This preview shows how the Hex color 74BEC7 looks on a white background.

Color Contrast Check

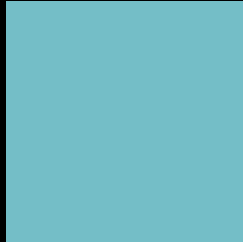
Large Text (above 18pt) WCAG AA × Fail

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 74BEC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

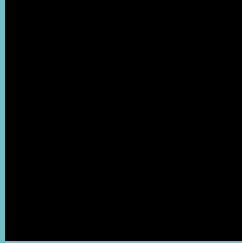
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

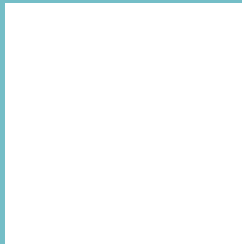
Any Text WCAG AAA ✓ Pass

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

Hex 74BEC7 Background



This preview shows how black text looks on a background with the Hex color 74BEC7.



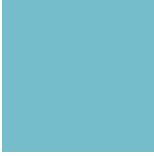
This preview shows how white text looks on a background with the Hex color 74BEC7.

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
76BDCC

Trichromacy



Original Color

74BEC7



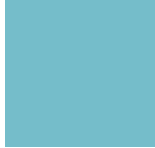
Protanomaly

9BB5C1



Deuteranomaly

9FB3CA



Tritanomaly

75BDCA

Monochromacy



Original Color

74BEC7



Achromatopsia

A9A9A9



Achromatomaly

96B1B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 74BEC7 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 #74BEC7 looks like.

```
.text, #text, p{  
    color:#74BEC7  
}
```

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 #74BEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BEC7
}
```

Border

The CSS property to change the border of an element to Hex 74BEC7 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
#74BEC7 }
```

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

```
.border{ border-color:#74BEC7 }
```

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

Here you see how a box with a 4 pixel #74BEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BEC7; -webkit-box-shadow:4px 4px  
4px 4px #74BEC7; box-shadow:4px 4px 4px  
4px #74BEC7 }
```

Background

The CSS property to change the background color of an element to Hex 74BEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BEC7 }
```

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

```
.background{ background-color:#74BEC7 }
```

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