

# Converting Colors

Hex(74D8BB)

Have a look what the booklet for  
Hex(74D8BB) contains.

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# Color

**Hex(74D8BB)**

# Conversions

Conversions Part 1	
Format	Color
Hex	74D8BB
RGB	116, 216, 187
RGB Percent	45%, 85%, 73%
CMY	0.5451, 0.1529, 0.2667
CMYK	0.46, 0.00, 0.13, 0.15
HSL	163°, 56%, 65%
HSV	163°, 46%, 85%
XYZ	40.7280, 56.4126, 55.7558
YIQ	182.7940, -50.2910, -30.2190

# Conversions

## Conversions Part 2

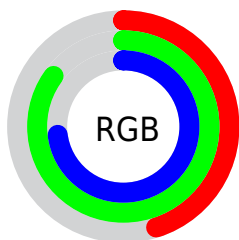
Format	Color
<a href="#">RYB</a>	<a href="#">116, 174, 216</a>
Decimal	<a href="#">7657659</a>
CIELab	<a href="#">79.85, -36.18, 5.25</a>
CIElCh	<a href="#">80, 36.563, 171.748</a>
Yxy	<a href="#">56.4126, 0.2664, 0.3690</a>
Android (android.graphics.Color)	<a href="#">4285847739</a> (0xFF74D8BB)
YUV	<a href="#">182.7940, 2.0736, -58.5783</a>
Hunter-Lab	<a href="#">75.1083, -34.6468, 8.5625</a>

# Details

The Hex color **74D8BB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D87491**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **ADFFF3**, and **3AA186** is the 20% darker color. If you saturate the color by 10%, you get **5ED8B5**, and if you desaturate by 10%, it is **8AD8C1**.

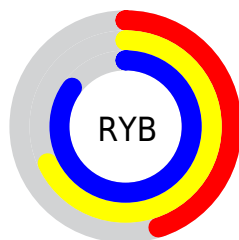
# Distribution



Red (45%)

Green (85%)

Blue (73%)



Red (45%)

Yellow (68%)

Blue (85%)

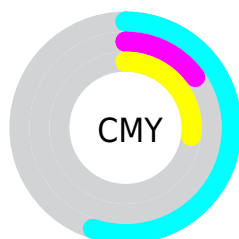


Cyan (46%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (55%)

Magenta (15%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D8BB 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 74D8BB by changing the saturation by 10% instead.

 74D8BB

 74D8BB

FFFFFF

 57BCA0

 ADFF3

 3AA186

 CAFFFF

 14866D

 E7FFFF

 006C54

 00533D

 003B27

 002613

 000000

 74D8BB

 74D8BB

 5ED8B5

 8AD8C1

 49D8AE

 9FD8C8

 33D8A8

 B5D8CE

 1ED8A2

 CAD8D4

 08D89C

 E0D8DA

 00D899

 F6D8E1

 FFD8E7

 FFD8ED

 FFD8F3

# Harmonies

## Analogous

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



9DD49B



74D8BB



54D8DE

# Triad

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



74D8BB



BDC1FF



FFB592

# Complementary

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



74D8BB



D87491

# 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.



FFADAE



74D8BB



E8B5F1

# Square

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



74D8BB



89CCFF



FFADD1



E6C183

# Rectangle

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



74D8BB



53D6F2



FFADD1



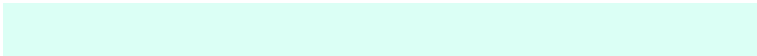
FFB29A

# Sweetspot

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



74D8BB



DBFFF5



92D874



6A8079



000000



808080



# Same Dimension

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



74D8BB



70FFD6



74C4D8



606B68



00AB79



002B1F



# Inverse Universe

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



D87491



FF709A



D88874



6B6063



AB0032

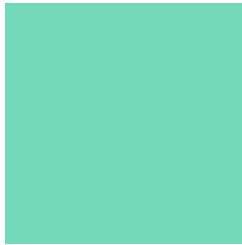


2B000D



# Previews

## White Background



This preview shows how the Hex color 74D8BB looks on a white background.

## Color Contrast Check

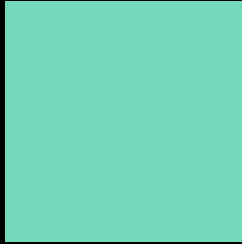
Large Text (above 18pt) WCAG AA × Fail

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 74D8BB 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 74D8BB Background



This preview shows how black text looks on a background with the Hex color 74D8BB.

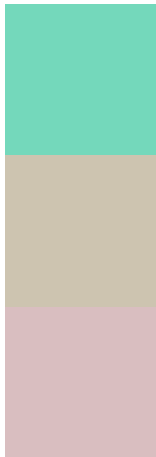


This preview shows how white text looks on a background with the Hex color 74D8BB.

# 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](#).

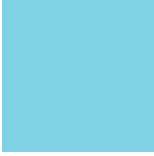
## Dichromacy



**Original Color**  
74D8BB

**Protanopia**  
CDC4B0

**Deuteranopia**  
D9BEC0



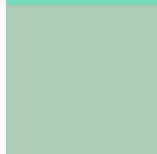
**Tritanopia**  
7FD2E3

# Trichromacy



**Original Color**

74D8BB



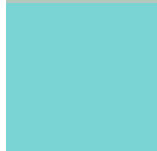
**Protanomaly**

ADCBB4



**Deuteranomaly**

B4C7BE



**Tritanomaly**

7BD4D4

# Monochromacy



**Original Color**

74D8BB



**Achromatopsia**

B7B7B7



**Achromatomaly**

9FC3B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D8BB 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 #74D8BB looks like.

```
.text, #text, p{  
    color:#74D8BB  
}
```

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 #74D8BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D8BB
}
```

## Border

The CSS property to change the border of an element to Hex 74D8BB 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
#74D8BB }
```

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

```
.border{ border-color:#74D8BB }
```

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

Here you see how a box with a 4 pixel #74D8BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D8BB; -webkit-box-shadow:4px 4px  
4px 4px #74D8BB; box-shadow:4px 4px 4px  
4px #74D8BB }
```

# Background

The CSS property to change the background color of an element to Hex 74D8BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D8BB }
```

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

```
.background{ background-color:#74D8BB }
```

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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