

Converting Colors

Hex(74D4BD)

Have a look what the booklet for
Hex(74D4BD) contains.

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Color

Hex(74D4BD)

Conversions

Conversions Part 1

Format	Color
Hex	74D4BD
RGB	116, 212, 189
RGB Percent	45%, 83%, 74%
CMY	0.5451, 0.1686, 0.2588
CMYK	0.45, 0.00, 0.11, 0.17
HSL	166°, 53%, 64%
HSV	166°, 45%, 83%
XYZ	39.9313, 54.4741, 56.5541
YIQ	180.6740, -49.8330, -27.5050

Conversions

Conversions Part 2

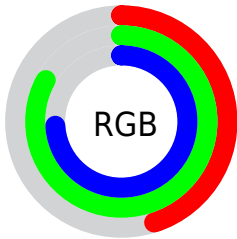
Format	Color
RYB	116, 171, 212
Decimal	7656637
CIELab	78.74, -33.87, 2.57
CIELCh	79, 33.969, 175.656
Yxy	54.4741, 0.2645, 0.3609
Android (android.graphics.Color)	4285846717 (0xFF74D4BD)
YUV	180.6740, 4.1047, -56.7191
Hunter-Lab	73.8066, -32.5884, 6.2338

Details

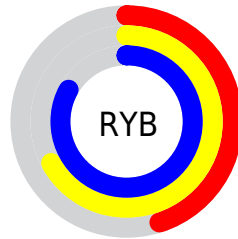
The Hex color **74D4BD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D4748B**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ADFFF5**, and **3A9D88** is the 20% darker color. If you saturate the color by 10%, you get **5FD4B8**, and if you desaturate by 10%, it is **89D4C2**.

Distribution



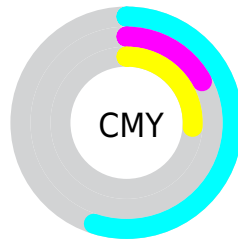
- Red (45%)
- Green (83%)
- Blue (74%)



- Red (45%)
- Yellow (67%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D4BD 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 74D4BD by changing the saturation by 10% instead.

 74D4BD

 74D4BD

FFFFFF

 58B8A2

 ADFFF5

 3A9D88

 CAFFFF

 16826E

 E7FFFF

 006956

 00503F

 003829

 002415

 000000

 74D4BD

 74D4BD

 5FD4B8

 89D4C2

 4AD4B3

 9ED4C7

 34D4AE

 B4D4CC

 1FD4A9

 C9D4D1

 0AD4A4

 DED4D6

 00D4A1

 F3D4DB

 FFD4E1

 FFD4E6

 FFD4EB

Harmonies

Analogous

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



98D09E



74D4BD



5CD4DD

Triad

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



74D4BD



C1BCFC



F6B590

Complementary

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



74D4BD



D4748B

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.



FFADA9



74D4BD



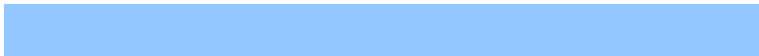
E7B2E7

Square

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



74D4BD



92C7FF



FDACC9



DDBF84

Rectangle

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



74D4BD



60D1EF



FDACC9



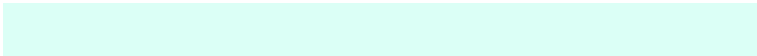
FBB297

Sweetspot

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



74D4BD



DBFFF6



8CD474



6A807A



000000



808080

Same Dimension

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



74D4BD



75FFDE



74BCD4



606B69



00AB82



002B21

Inverse Universe

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



D4748B



FF7596



D48C74



6B6063



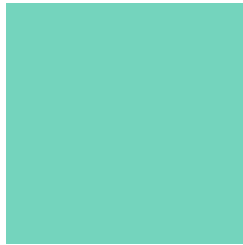
AB0029



2B000A

Previews

White Background



This preview shows how the Hex color 74D4BD looks on a white background.

Color Contrast Check

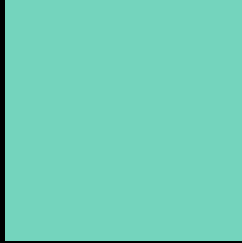
Large Text (above 18pt) WCAG AA × Fail

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 74D4BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

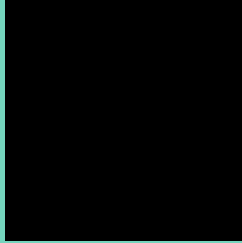
Any Text WCAG AA ✓ Pass

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 74D4BD Background



This preview shows how black text looks on a background with the Hex color 74D4BD.



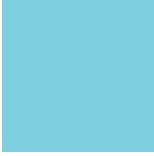
This preview shows how white text looks on a background with the Hex color 74D4BD.

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
7ECFE0

Trichromacy



Original Color

74D4BD



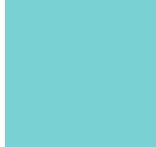
Protanomaly

AAC8B7



Deuteranomaly

B1C5C0



Tritanomaly

7AD1D3

Monochromacy



Original Color

74D4BD



Achromatopsia

B5B5B5



Achromatomaly

9DC0B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 74D4BD 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 #74D4BD looks like.

```
.text, #text, p{  
    color:#74D4BD  
}
```

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 #74D4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D4BD  
}
```

Border

The CSS property to change the border of an element to Hex 74D4BD 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  
#74D4BD }
```

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

```
.border{ border-color:#74D4BD }
```

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

Here you see how a box with a 4 pixel #74D4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D4BD; -webkit-box-shadow:4px 4px  
4px 4px #74D4BD; box-shadow:4px 4px 4px  
4px #74D4BD }
```

Background

The CSS property to change the background color of an element to Hex 74D4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D4BD }
```

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

```
.background{ background-color:#74D4BD }
```

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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