

Converting Colors

Hex(74BDBE)

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

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Color

Hex(74BDBE)

Conversions

Conversions Part 1

Format	Color
Hex	74BDBE
RGB	116, 189, 190
RGB Percent	45%, 74%, 75%
CMY	0.5451, 0.2588, 0.2549
CMYK	0.39, 0.01, 0.00, 0.25
HSL	181°, 36%, 60%
HSV	181°, 39%, 75%
XYZ	34.6943, 43.8259, 55.3459
YIQ	167.2870, -43.8290, -15.1650

Conversions

Conversions Part 2

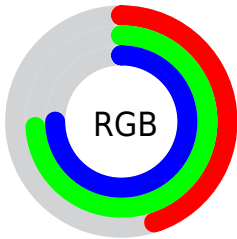
Format	Color
RYB	116, 153, 190
Decimal	7650750
CIELab	72.11, -22.46, -7.70
CIElCh	72, 23.740, 198.919
Yxy	43.8259, 0.2592, 0.3274
Android (android.graphics.Color)	4285840830 (0xFF74BDBE)
YUV	167.2870, 11.1975, -44.9787
Hunter-Lab	66.2011, -22.3047, -3.2272

Details

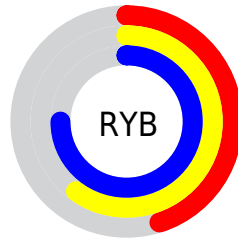
The Hex color **74BDBE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE7574**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ABF5F6**, and **3D8789** is the 20% darker color. If you saturate the color by 10%, you get **61BDBE**, and if you desaturate by 10%, it is **87BDBE**.

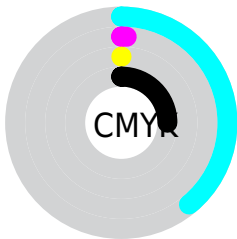
Distribution



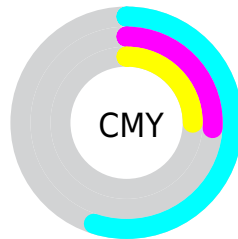
- Red (45%)
- Green (74%)
- Blue (75%)



- Red (45%)
- Yellow (60%)
- Blue (75%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 74BDBE

 74BDBE

FFFFFF

 59A2A3

 ABF5F6

 3D8789

 C8FFFF

 1F6E6F

 E5FFFF

 005557

 003E40

 00272A

 000F16

 000000

 74BDBE

 74BDBE

61BDBE

87BDBE

4EBCBE

9ABEBE

3BBCBE

ADBEBE

28BCBE

C0BEBE

15BCBE

D3BEBE

02BBBE

E6BFBE

00BBBE

F9BFBE

FFBFBE

Harmonies

Analogous

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



83BDA8



74BDBE



77BAD1

Triad

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



74BDBE



C5A7CD



C9AD87

Complementary

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



74BDBE



BE7574

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.



D8A691



74BDBE



D7A2BA

Square

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



74BDBE



AAAEDA



DDA2A4



B3B488

Rectangle

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



74BDBE



84B7D9



DDA2A4



CFAA89

Sweetspot

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



74BDBE



DAF7F7



74BE74



6B7D7D



FCFCFC



7D7D7D

Same Dimension

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



74BDBE



83F6F7



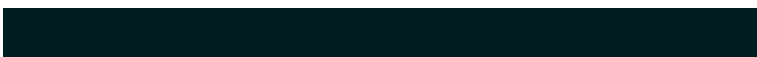
7499BE



555E5E



009C9E



001E1F

Inverse Universe

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



BE74BD



F783F6



BE9974



5E555E



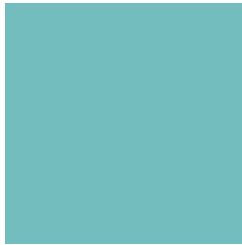
9E009C



1F001E

Previews

White Background



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

Color Contrast Check

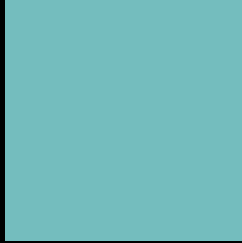
Large Text (above 18pt) WCAG AA × Fail

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 74BDBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

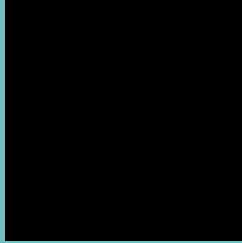
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

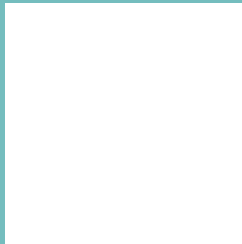
Any Text WCAG AAA ✓ Pass

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

Hex 74BDBE Background



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

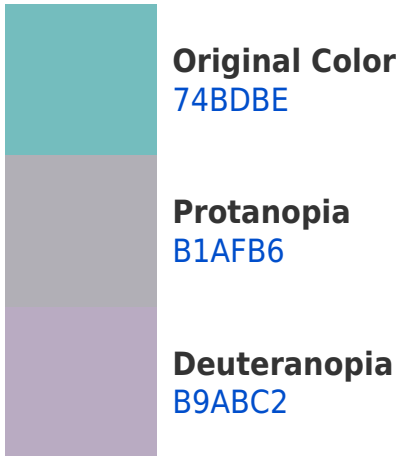


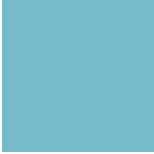
This preview shows how white text looks on a background with the Hex color 74BDBE.

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



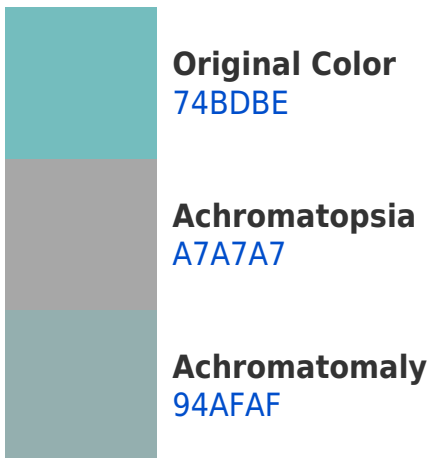


Tritanopia
77BBCA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #74BDBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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