

Converting Colors

Hex(74DABE)

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

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Color

Hex(74DABE)

Conversions

Conversions Part 1

Format	Color
Hex	74DABE
RGB	116, 218, 190
RGB Percent	45%, 85%, 75%
CMY	0.5451, 0.1451, 0.2549
CMYK	0.47, 0.00, 0.13, 0.15
HSL	164°, 58%, 65%
HSV	164°, 47%, 85%
XYZ	41.5681, 57.5735, 57.6371
YIQ	184.3100, -51.8040, -30.3320

Conversions

Conversions Part 2

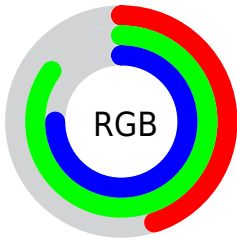
Format	Color
RYB	116, 175, 218
Decimal	7658174
CIELab	80.50, -36.42, 4.59
CIELCh	81, 36.713, 172.812
Yxy	57.5735, 0.2651, 0.3672
Android (android.graphics.Color)	4285848254 (0xFF74DABE)
YUV	184.3100, 2.8052, -59.9079
Hunter-Lab	75.8772, -34.9967, 8.0767

Details

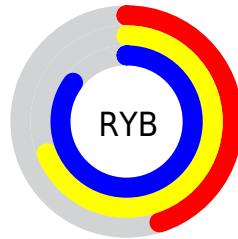
The Hex color **74DABE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DA7490**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ADFFF6**, and **39A289** is the 20% darker color. If you saturate the color by 10%, you get **5EDAB8**, and if you desaturate by 10%, it is **8ADAC4**.

Distribution



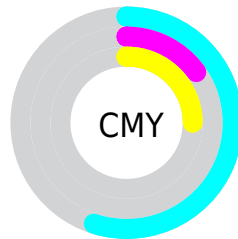
- Red (45%)
- Green (85%)
- Blue (75%)



- Red (45%)
- Yellow (69%)
- Blue (85%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (55%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 74DABE

 74DABE

FFFFFF

 57BEA3


 ADFFF6

 39A289

 CAFFFF

 12886F

 E8FFFF

 006E57

 005540

 003D2A

 002715

 000300

 000000

 74DABE

 74DABE

 5EDAB8

 8ADAC4

 48DAB2

 A0DACA

 33DAAC

 B5DAD0

 1DDAA6

 CBDAD6

 07DAA0

 E1DADC

 00DA9E

 F7DAE2

 FFDAE8

 FFDAEE

 FFDAF4

Harmonies

Analogous

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



9DD69D



74DABE



55DAE1

Triad

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



74DABE



C1C2FF



FFB792

Complementary

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



74DABE



DA7490

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.



FFAFAF



74DABE



EBB6F2

Square

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



74DABE



8CCEFF



FFAFD1



E7C384

Rectangle

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



74DABE



55D8F5



FFAFD1



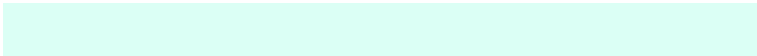
FFB49B

Sweetspot

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



74DABE



DBFFF5



91DA74



6A807A



000000



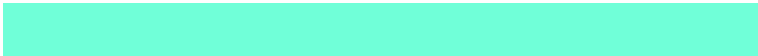
808080

Same Dimension

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



74DABE



70FFD8



74C4DA



636E6B



00AD7E



002E21

Inverse Universe

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



DA7490



FF7097



DA8A74



6E6366



AD0030



2E000D

Previews

White Background



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

Color Contrast Check

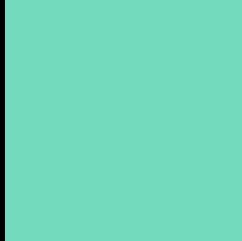
Large Text (above 18pt) WCAG AA × Fail

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 74DABE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

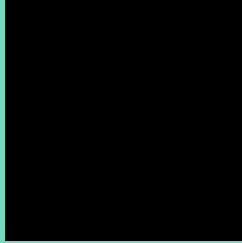
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

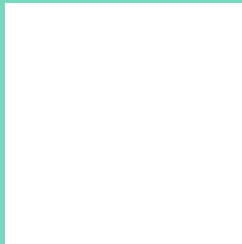
Any Text WCAG AAA ✓ Pass

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

Hex 74DABE Background



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



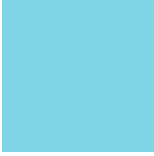
This preview shows how white text looks on a background with the Hex color 74DABE.

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
7FD4E5

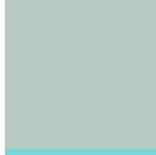
Trichromacy



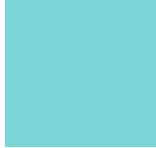
Original Color
74DABE



Protanomaly
AECDB7



Deuteranomaly
B6C9C2

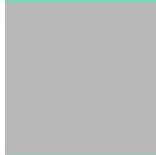


Tritanomaly
7BD6D7

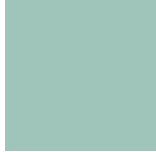
Monochromacy



Original Color
74DABE



Achromatopsia
B8B8B8



Achromatomaly
9FC4BA

CSS Examples

Text

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

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

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 #74DABE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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