

Converting Colors

Hex(74B7D3)

Have a look what the booklet for
Hex(74B7D3) contains.

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Color

Hex(74B7D3)

Conversions

Conversions Part 1

Format	Color
Hex	74B7D3
RGB	116, 183, 211
RGB Percent	45%, 72%, 83%
CMY	0.5451, 0.2824, 0.1725
CMYK	0.45, 0.13, 0.00, 0.17
HSL	198°, 52%, 64%
HSV	198°, 45%, 83%
XYZ	35.8938, 42.2831, 67.8977
YIQ	166.1590, -48.9200, -5.4960

Conversions

Conversions Part 2

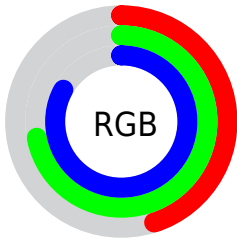
Format	Color
RYB	116, 155, 211
Decimal	7649235
CIELab	71.07, -13.88, -20.76
CIELCh	71, 24.966, 236.236
Yxy	42.2831, 0.2457, 0.2895
Android (android.graphics.Color)	4285839315 (0xFF74B7D3)
YUV	166.1590, 22.1066, -43.9894
Hunter-Lab	65.0255, -15.2633, -16.3910

Details

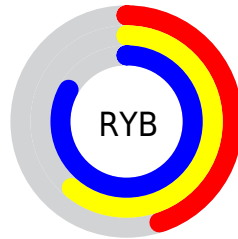
The Hex color **74B7D3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D39074**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ACEFFF**, and **3B829C** is the 20% darker color. If you saturate the color by 10%, you get **5FB1D3**, and if you desaturate by 10%, it is **89BDD3**.

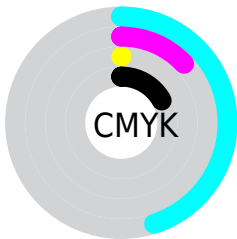
Distribution



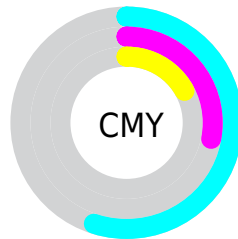
- Red (45%)
- Green (72%)
- Blue (83%)



- Red (45%)
- Yellow (61%)
- Blue (83%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74B7D3 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 74B7D3 by changing the saturation by 10% instead.

 74B7D3

 74B7D3

FFFFFF

 589CB7

 ACEFFF

 3B829C

 C9FFFF

 1A6982

 E6FFFF

 005169

 003A51

 00243A

 000A24

 00010D

 000000

■ 74B7D3

■ 74B7D3

■ 5FB1D3

■ 89BDD3

■ 4AABD3

■ 9EC3D3

■ 35A4D3

■ B3CAD3

■ 209ED3

■ C8D0D3

■ 0B98D3

■ DDD6D3

■ 0095D3

■ F3DCD3

■ FFE3D3

■ FFE9D3

■ FFEFD3

Harmonies

Analogous

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



6CBAC1



74B7D3



8EB1DB

Triad

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



74B7D3



D99EB2



AAB385

Complementary

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



74B7D3



D39074

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.



C1AB81



74B7D3



DC9F9B

Square

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



74B7D3



C9A2C8



D4A489



8FB894

Rectangle

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



74B7D3



A3ACD9



D4A489



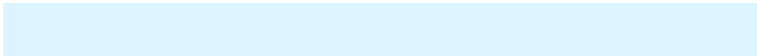
B2B082

Sweetspot

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



74B7D3



DBF4FF



74D38F



6A7980



000000



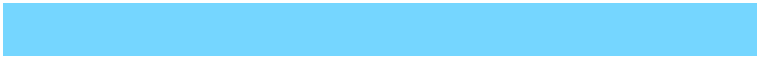
808080

Same Dimension

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



74B7D3



75D6FF



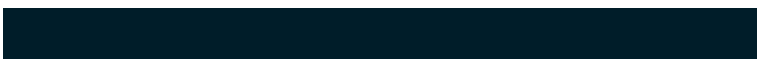
7489D3



5E6569



0077A8



001D29

Inverse Universe

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



D374B7



FF75D6



D3BE74



695E65



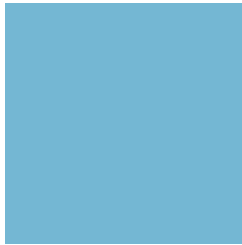
A80077



29001D

Previews

White Background



This preview shows how the Hex color 74B7D3 looks on a white background.

Color Contrast Check

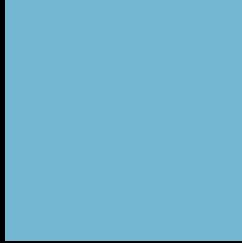
Large Text (above 18pt) WCAG AA × Fail

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 74B7D3 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 74B7D3 Background



This preview shows how black text looks on a background with the Hex color 74B7D3.

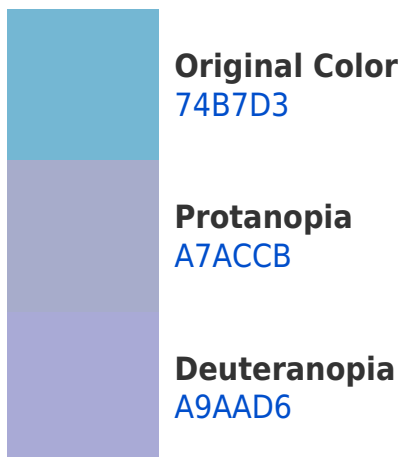


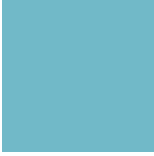
This preview shows how white text looks on a background with the Hex color 74B7D3.

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](#).

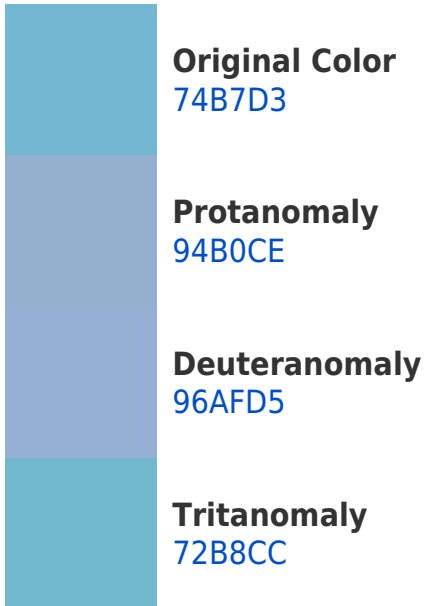
Dichromacy



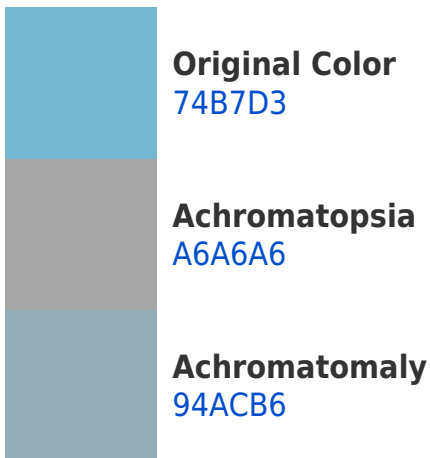


Tritanopia
71B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74B7D3 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 #74B7D3 looks like.

```
.text, #text, p{  
    color:#74B7D3  
}
```

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 #74B7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B7D3
}
```

Border

The CSS property to change the border of an element to Hex 74B7D3 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
#74B7D3 }
```

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

```
.border{ border-color:#74B7D3 }
```

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

Here you see how a box with a 4 pixel #74B7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B7D3; -webkit-box-shadow:4px 4px  
4px 4px #74B7D3; box-shadow:4px 4px 4px  
4px #74B7D3 }
```

Background

The CSS property to change the background color of an element to Hex 74B7D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B7D3 }
```

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

```
.background{ background-color:#74B7D3 }
```

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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