

# Converting Colors

Hex(74BADA)

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

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# **Color**

**Hex(74BADA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74BADA
RGB	116, 186, 218
RGB Percent	45%, 73%, 85%
CMY	0.5451, 0.2706, 0.1451
CMYK	0.47, 0.15, 0.00, 0.15
HSL	199°, 58%, 65%
HSV	199°, 47%, 85%
XYZ	37.4163, 43.8928, 72.8298
YIQ	168.7180, -51.9920, -4.8880

# Conversions

## Conversions Part 2

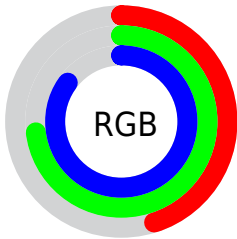
Format	Color
<a href="#">RYB</a>	<a href="#">116, 158, 218</a>
Decimal	<a href="#">7650010</a>
CIELab	<a href="#">72.16, -13.54, -22.91</a>
CIELCh	<a href="#">72, 26.616, 239.423</a>
Yxy	<a href="#">43.8928, 0.2427, 0.2848</a>
Android (android.graphics.Color)	<a href="#">4285840090</a> ( <a href="#">0xFF74BADA</a> )
YUV	<a href="#">168.7180, 24.2960, -46.2337</a>
Hunter-Lab	<a href="#">66.2516, -15.1307, -18.8008</a>

# Details

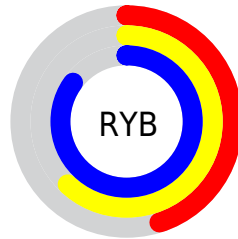
The Hex color **74BADA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DA9474**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ADF2FF**, and **3A85A3** is the 20% darker color. If you saturate the color by 10%, you get **5EB3DA**, and if you desaturate by 10%, it is **8AC1DA**.

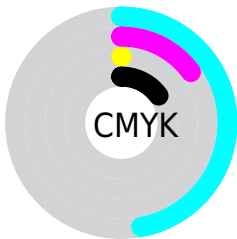
# Distribution



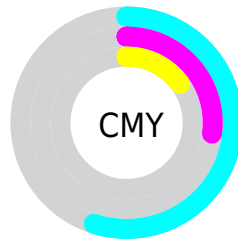
- Red (45%)
- Green (73%)
- Blue (85%)



- Red (45%)
- Yellow (62%)
- Blue (85%)



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



- Cyan (55%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 74BADA

 74BADA

FFFFFF

 589FBE

 ADF2FF

 3A85A3

 CAFFFF

 166C89

 E7FFFF

 00536F

 003C57

 00263F

 001029

 000114

 000000

■ 74BADA

■ 74BADA

■ 5EB3DA

■ 8AC1DA

■ 48ACDA

■ A0C8DA

■ 33A5DA

■ B5CFDA

■ 1D9FDA

■ CBD5DA

■ 0798DA

■ E1DCDA

■ 0096DA

■ F7E3DA

■ FFEADA

■ FFF1DA

■ FFF8DA

# Harmonies

## Analogous

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



68BEC8



74BADA



92B3E1

# Triad

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



74BADA



E09FB2



A9B786

# Complementary

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



74BADA



DA9474

# 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.



C3AF80



74BADA



E2A19A

# Square

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



74BADA



D0A3CA



D7A788



8DBC97

# Rectangle

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



74BADA



A9AEDF



D7A788



B2B483

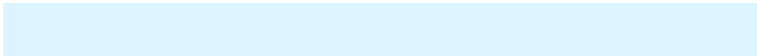


# Sweetspot

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



74BADA



DBF4FF



74DA93



6A7980



000000



808080

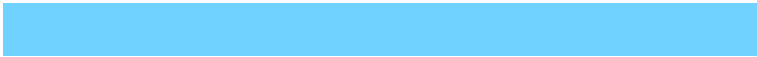


# Same Dimension

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



74BADA



70D2FF



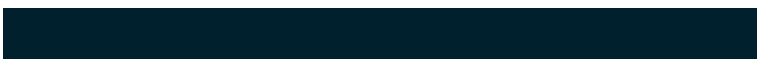
7488DA



636A6E



0077AD



00202E



# Inverse Universe

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



DA74BA



FF70D2



DAC674



6E636A



AD0077



2E001F



# Previews

## White Background



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

## Color Contrast Check

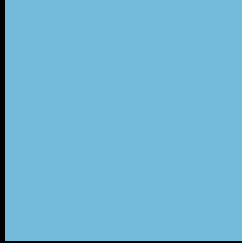
Large Text (above 18pt) WCAG AA × Fail

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 74BADA 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 74BADA Background



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

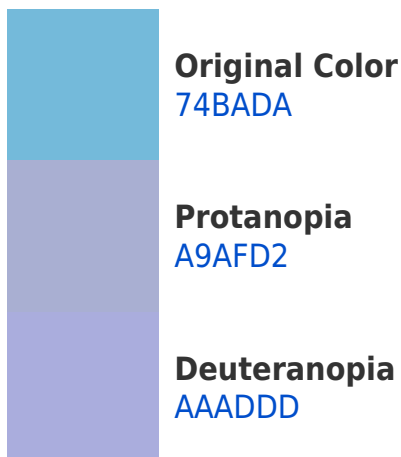


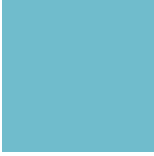
This preview shows how white text looks on a background with the Hex color 74BADA.

# Color Blindness Simulation

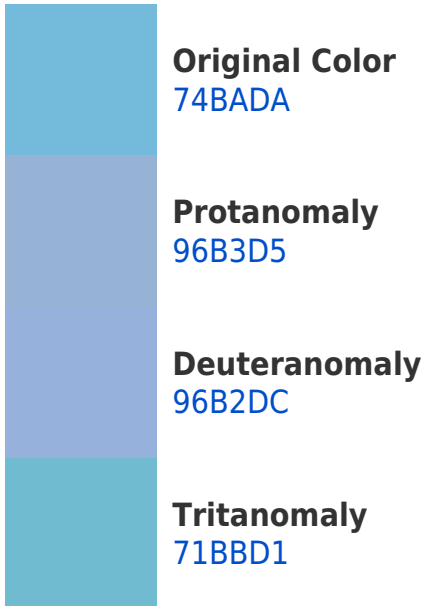
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

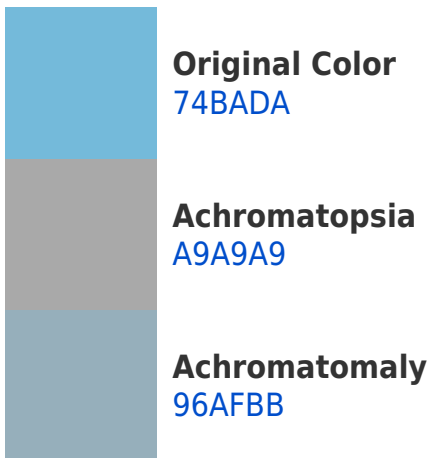




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #74BADA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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