

Converting Colors

Hex(70BADF)

Have a look what the booklet for
Hex(70BADF) contains.

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Color

Hex(70BADF)

Conversions

Conversions Part 1

Format	Color
Hex	70BADF
RGB	112, 186, 223
RGB Percent	44%, 73%, 87%
CMY	0.5608, 0.2706, 0.1255
CMYK	0.50, 0.17, 0.00, 0.13
HSL	200°, 63%, 66%
HSV	200°, 50%, 87%
XYZ	37.5603, 43.8903, 76.3041
YIQ	168.0920, -55.9810, -4.1810

Conversions

Conversions Part 2

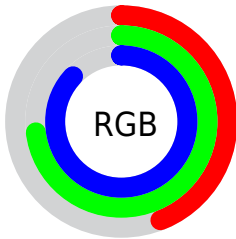
Format	Color
R _{YB}	112, 156, 223
Decimal	7387871
CIE Lab	72.16, -13.06, -25.66
CIE LCh	72, 28.790, 243.017
Yxy	43.8903, 0.2381, 0.2782
Android (android.graphics.Color)	4285577951 (0xFF70BADF)
YUV	168.0920, 27.0696, -49.1927
Hunter-Lab	66.2497, -14.7365, -21.9133

Details

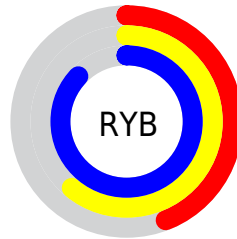
The Hex color **70BADF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DF9570**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A9F2FF**, and **3485A8** is the 20% darker color. If you saturate the color by 10%, you get **5AB3DF**, and if you desaturate by 10%, it is **86C1DF**.

Distribution



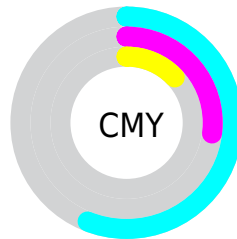
- Red (44%)
- Green (73%)
- Blue (87%)



- Red (44%)
- Yellow (61%)
- Blue (87%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70BADF 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 70BADF by changing the saturation by 10% instead.

 70BADF

 70BADF

FFFFFF

 539FC3

 A9F2FF

 3485A8

 C6FFFF

 046C8D

 E4FFFF

 005374

 003C5B

 002643

 00112D

 000118

 000000

 70BADF

 70BADF

 5AB3DF

 86C1DF

 43ABDF

 9DC9DF

 2DA4DF

 B3D0DF

 179CDF

 C9D8DF

 0195DF

 E0DFDF

 0095DF

 F6E7DF

 FFEEDF

 FFF5DF

 FFFDDF

Harmonies

Analogous

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



5FBFCD



70BADF



93B2E5

Triad

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



70BADF



E49DAF



A5B884

Complementary

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



70BADF



DF9570

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.



C1B07C



70BADF



E5A095

Square

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



70BADF



D5A1C9



D8A783



86BD98

Rectangle

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



70BADF



ACACE1



D8A783



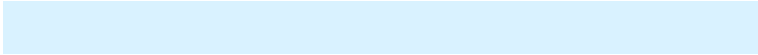
AFB680

Sweetspot

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



70BADF



D9F2FF



70DF95



697880



000000



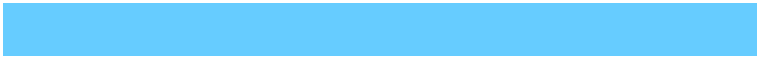
808080

Same Dimension

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



70BADF



66CCFF



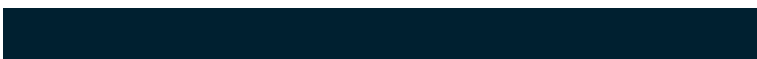
7083DF



656C70



0075B0



002030

Inverse Universe

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



DF70BA



FF66CC



DFCD70



70656C



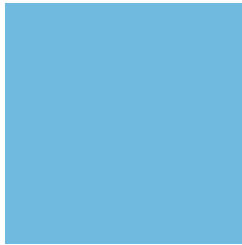
B00075



300020

Previews

White Background



This preview shows how the Hex color 70BADF looks on a white background.

Color Contrast Check

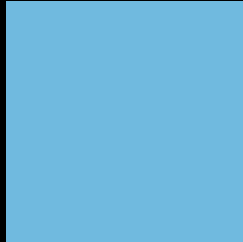
Large Text (above 18pt) WCAG AA × Fail

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 70BADF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

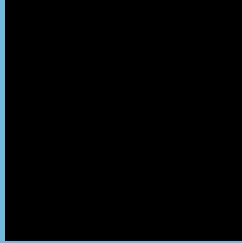
Any Text WCAG AA ✓ Pass

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 70BADF Background



This preview shows how black text looks on a background with the Hex color 70BADF.

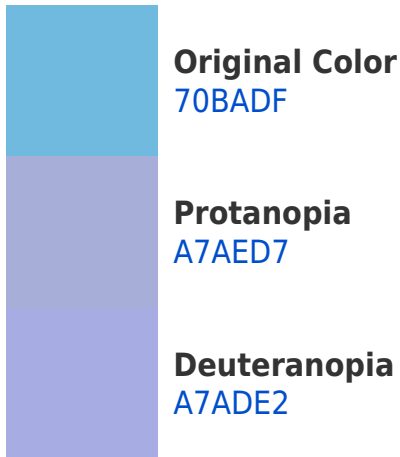


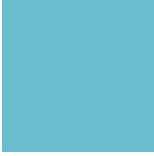
This preview shows how white text looks on a background with the Hex color 70BADF.

Color Blindness Simulation

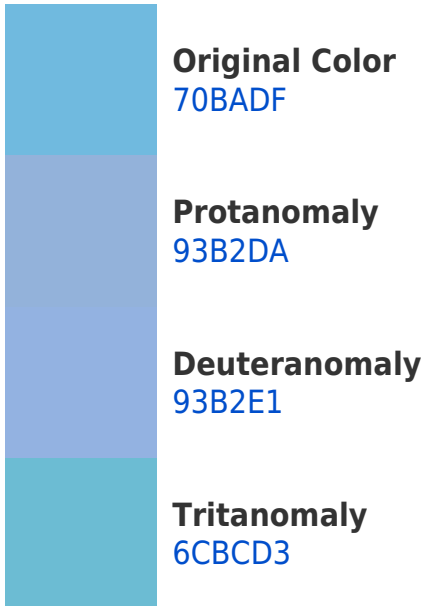
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

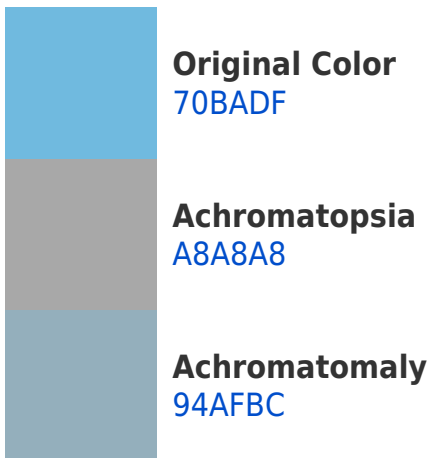




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70BADF 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 #70BADF looks like.

```
.text, #text, p{  
    color:#70BADF  
}
```

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 #70BADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BADF
}
```

Border

The CSS property to change the border of an element to Hex 70BADF 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
#70BADF }
```

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

```
.border{ border-color:#70BADF }
```

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

Here you see how a box with a 4 pixel #70BADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BADF; -webkit-box-shadow:4px 4px  
4px 4px #70BADF; box-shadow:4px 4px 4px  
4px #70BADF }
```

Background

The CSS property to change the background color of an element to Hex 70BADF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BADF }
```

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

```
.background{ background-color:#70BADF }
```

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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