

Converting Colors

Hex(71AFD6)

Have a look what the booklet for
Hex(71AFD6) contains.

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Color

Hex(71AFD6)

Conversions

Conversions Part 1

Format	Color
Hex	71AFD6
RGB	113, 175, 214
RGB Percent	44%, 69%, 84%
CMY	0.5569, 0.3137, 0.1608
CMYK	0.47, 0.18, 0.00, 0.16
HSL	203°, 55%, 64%
HSV	203°, 47%, 84%
XYZ	34.2776, 39.0257, 69.3444
YIQ	160.9080, -49.4710, -1.0150

Conversions

Conversions Part 2

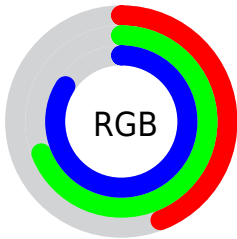
Format	Color
RYB	113, 151, 214
Decimal	7450582
CIELab	68.77, -9.49, -25.92
CIELCh	69, 27.600, 249.894
Yxy	39.0257, 0.2403, 0.2736
Android (android.graphics.Color)	4285640662 (0xFF71AFD6)
YUV	160.9080, 26.1744, -42.0153
Hunter-Lab	62.4705, -11.3804, -22.0845

Details

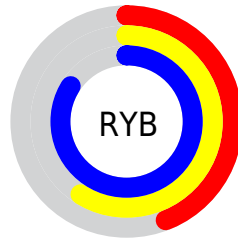
The Hex color **71AFD6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D69871**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9E6FF**, and **387B9F** is the 20% darker color. If you saturate the color by 10%, you get **5CA7D6**, and if you desaturate by 10%, it is **86B7D6**.

Distribution



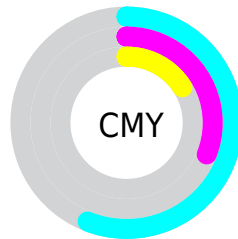
- Red (44%)
- Green (69%)
- Blue (84%)



- Red (44%)
- Yellow (59%)
- Blue (84%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71AFD6 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 71AFD6 by changing the saturation by 10% instead.

■ 71AFD6

FFFFFF

■ A9E6FF

■ C6FFFF

■ E3FFFF

■ 71AFD6

■ 5594BA

■ 387B9F

■ 136285

■ 004A6C

■ 003353

■ 001F3C

■ 000326

■ 00010F

■ 000000

71AFD6

71AFD6

5CA7D6

86B7D6

469ED6

9CC0D6

3196D6

B1C8D6

1B8ED6

C7D0D6

0686D6

DCD8D6

0083D6

F1E1D6

FFE9D6

FFF1D6

FFF9D6

Harmonies

Analogous

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



5CB4C7



71AFD6



94A7D9

Triad

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



71AFD6



DA95A0



96B081

Complementary

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



71AFD6



D69871

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.



B1A976



71AFD6



D79989

Square

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



71AFD6



CF98BA



C8A079



79B496

Rectangle

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



71AFD6



ABA1D3



C8A079



9FAE7C

Sweetspot

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



71AFD6



DBF1FF



71D698



6A7780



000000



808080

Same Dimension

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



71AFD6



6EC7FF



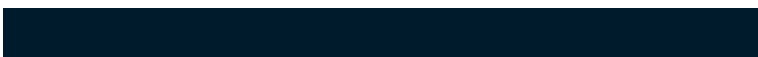
717DD6



60676B



0069AB



001B2B

Inverse Universe

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



D671AF



FF6EC7



D6CA71



6B6067



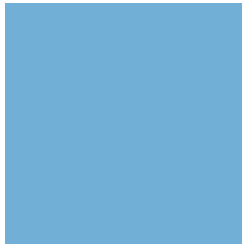
AB0069



2B001B

Previews

White Background



This preview shows how the Hex color 71AFD6 looks on a white background.

Color Contrast Check

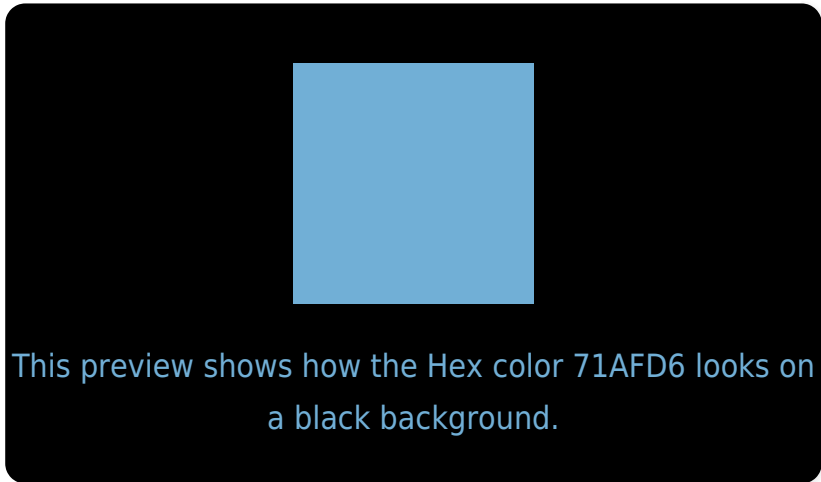
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

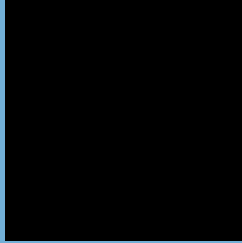
Any Text WCAG AA ✓ Pass

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 71AFD6 Background



This preview shows how black text looks on a background with the Hex color 71AFD6.

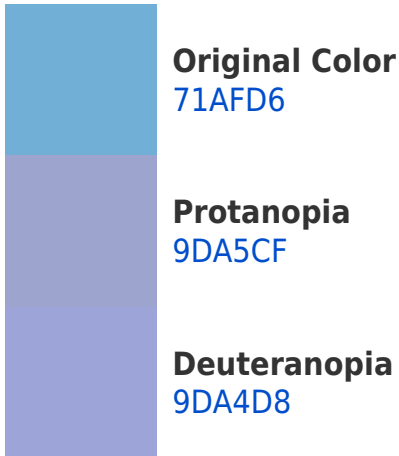


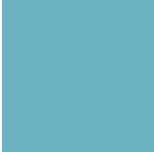
This preview shows how white text looks on a background with the Hex color 71AFD6.

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](#).

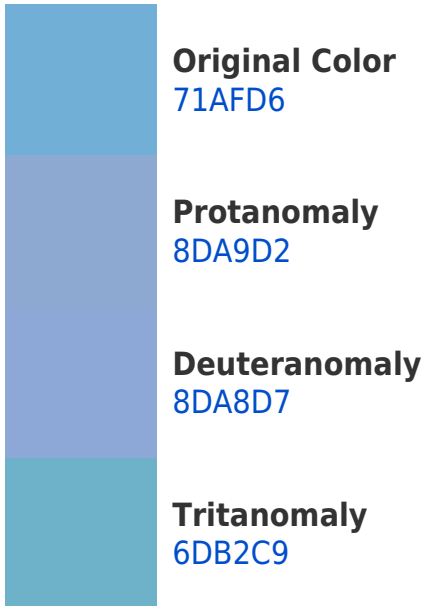
Dichromacy



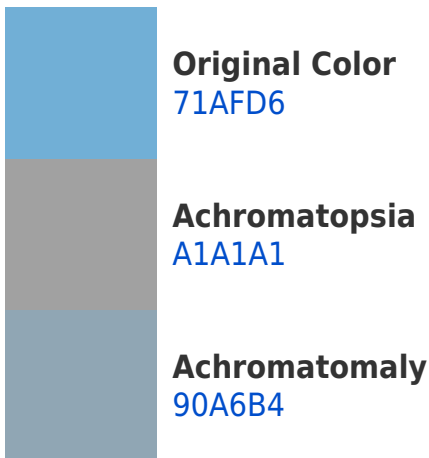


Tritanopia
6BB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71AFD6 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 #71AFD6 looks like.

```
.text, #text, p{  
    color:#71AFD6  
}
```

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 #71AFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71AFD6  
}
```

Border

The CSS property to change the border of an element to Hex 71AFD6 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  
#71AFD6 }
```

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

```
.border{ border-color:#71AFD6 }
```

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

Here you see how a box with a 4 pixel #71AFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71AFD6; -webkit-box-shadow:4px 4px  
4px 4px #71AFD6; box-shadow:4px 4px 4px  
4px #71AFD6 }
```

Background

The CSS property to change the background color of an element to Hex 71AFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71AFD6 }
```

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

```
.background{ background-color:#71AFD6 }
```

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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