

Converting Colors

Hex(74D0F1)

Have a look what the booklet for
Hex(74D0F1) contains.

Hex(74D0F1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(74D0F1)

Conversions

Conversions Part 1

Format	Color
Hex	74D0F1
RGB	116, 208, 241
RGB Percent	45%, 82%, 95%
CMY	0.5451, 0.1843, 0.0549
CMYK	0.52, 0.14, 0.00, 0.05
HSL	196°, 82%, 70%
HSV	196°, 52%, 95%
XYZ	45.6355, 55.1756, 91.4638
YIQ	184.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

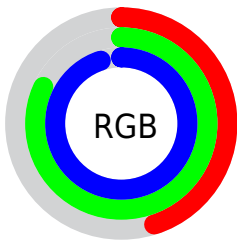
Format	Color
R _Y B	116, 169, 241
Decimal	7655665
CIE Lab	79.14, -18.57, -24.67
CIE LCh	79, 30.880, 233.027
Yxy	55.1756, 0.2373, 0.2870
Android (android.graphics.Color)	4285845745 (0xFF74D0F1)
YUV	184.2540, 27.9758, -59.8588
Hunter-Lab	74.2803, -20.3256, -21.0095

Details

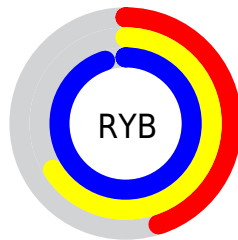
The Hex color **74D0F1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F19574**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **AFFFFFFF**, and **349AB9** is the 20% darker color. If you saturate the color by 10%, you get **5CCAF1**, and if you desaturate by 10%, it is **8CD6F1**.

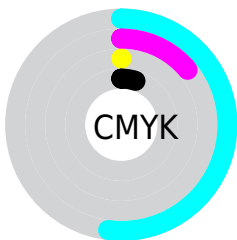
Distribution



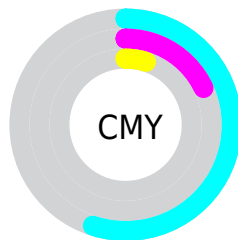
- Red (45%)
- Green (82%)
- Blue (95%)



- Red (45%)
- Yellow (66%)
- Blue (95%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D0F1 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 74D0F1 by changing the saturation by 10% instead.

 74D0F1

 74D0F1

FFFFFF

 56B4D5

 AFFFFFF

 349AB9

 CDFFFF

 007F9E

 EBFFFF

 006684

 004E6A

 003752

 00223B

 000225

 00010E

 74D0F1

 74D0F1

 5CCAF1

 8CD6F1

 44C3F1

 A4DDF1

 2CBDF1

 BCE3F1

 14B7F1

 D4E9F1

 00B1F1

 ECF0F1

 FFF6F1

 FFFDF1

 FFFFF1

Harmonies

Analogous

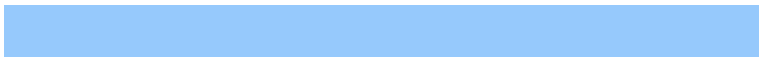
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6CD4D9



74D0F1



96C9FC

Triad

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



74D0F1



F8AFCC



C1C98F

Complementary

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



74D0F1



F19574

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.



DFC08B



74D0F1



FEB0AF

Square

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



74D0F1



E2B5E7



F5B697



A0D0A1

Rectangle

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



74D0F1



B2C2FC



F5B697



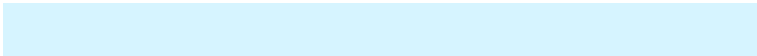
CCC68C

Sweetspot

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



74D0F1



D6F4FF



74F193



677980



000000



808080

Same Dimension

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



74D0F1



61D5FF



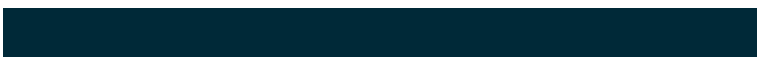
7493F1



6C7578



0087B8



002938

Inverse Universe

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



F174D0



FF61D5



F1D274



786C75



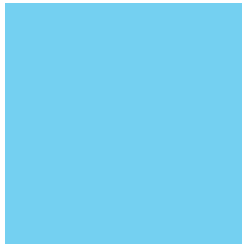
B80087



380029

Previews

White Background



This preview shows how the Hex color 74D0F1 looks on a white background.

Color Contrast Check

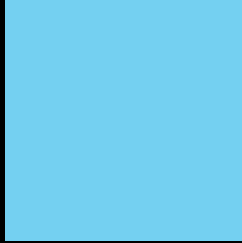
Large Text (above 18pt) WCAG AA × Fail

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 74D0F1 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 74D0F1 Background



This preview shows how black text looks on a background with the Hex color 74D0F1.

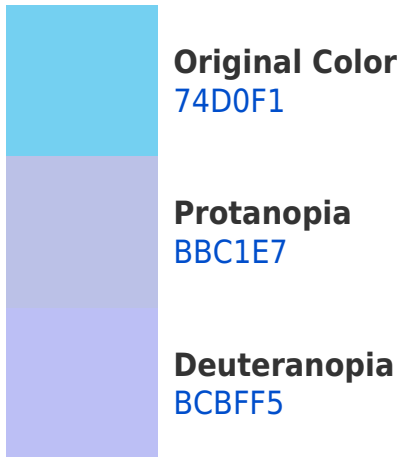


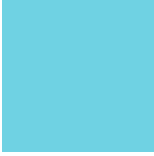
This preview shows how white text looks on a background with the Hex color 74D0F1.

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](#).

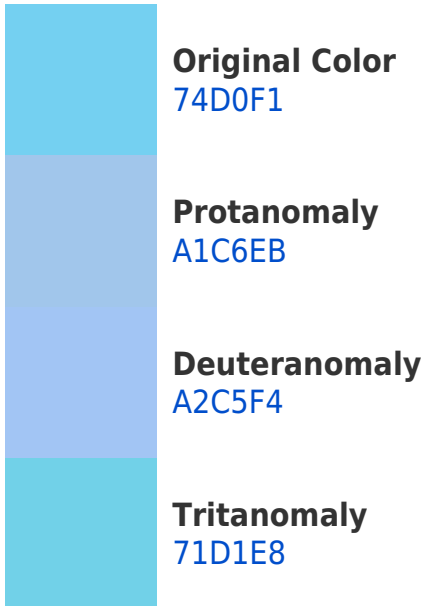
Dichromacy



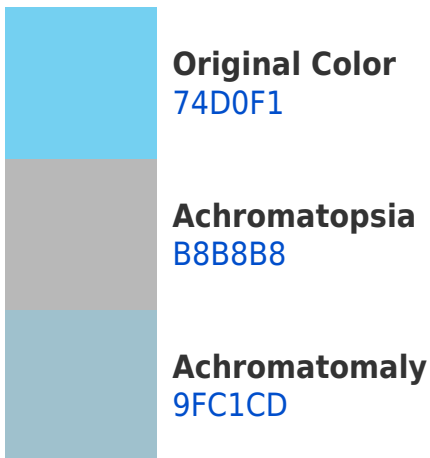


Tritanopia
6FD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74D0F1 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 #74D0F1 looks like.

```
.text, #text, p{  
    color:#74D0F1  
}
```

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 #74D0F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D0F1
}
```

Border

The CSS property to change the border of an element to Hex 74D0F1 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
#74D0F1 }
```

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

```
.border{ border-color:#74D0F1 }
```

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

Here you see how a box with a 4 pixel #74D0F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D0F1; -webkit-box-shadow:4px 4px  
4px 4px #74D0F1; box-shadow:4px 4px 4px  
4px #74D0F1 }
```

Background

The CSS property to change the background color of an element to Hex 74D0F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D0F1 }
```

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

```
.background{ background-color:#74D0F1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor