

# Converting Colors

Hex(74D6F4)

Have a look what the booklet for  
Hex(74D6F4) contains.

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**Color**

**Hex(74D6F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D6F4
RGB	116, 214, 244
RGB Percent	45%, 84%, 96%
CMY	0.5451, 0.1608, 0.0431
CMYK	0.52, 0.12, 0.00, 0.04
HSL	194°, 85%, 71%
HSV	194°, 52%, 96%
XYZ	47.5782, 58.3378, 94.3406
YIQ	188.1180, -68.0380, -11.4460

# Conversions

## Conversions Part 2

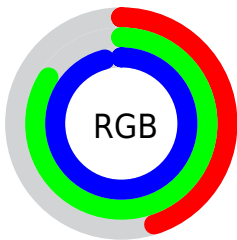
Format	Color
<a href="#">RYB</a>	116, 172, 244
Decimal	7657204
CIELab	80.93, -20.78, -23.55
CIELCh	81, 31.412, 228.575
Yxy	58.3378, 0.2376, 0.2913
Android (android.graphics.Color)	4285847284 (0xFF74D6F4)
YUV	188.1180, 27.5498, -63.2475
Hunter-Lab	76.3792, -22.4722, -19.7673

# Details

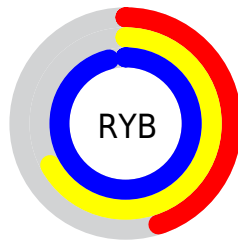
The Hex color **74D6F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F49274**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **AFFFFFF**, and **339FBC** is the 20% darker color. If you saturate the color by 10%, you get **5CD0F4**, and if you desaturate by 10%, it is **8CDCF4**.

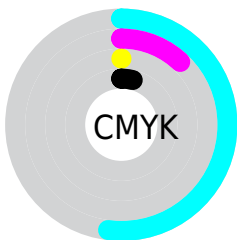
# Distribution



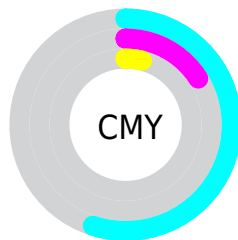
- Red (45%)
- Green (84%)
- Blue (96%)



- Red (45%)
- Yellow (67%)
- Blue (96%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (55%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D6F4 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 74D6F4 by changing the saturation by 10% instead.



 74D6F4

 74D6F4

FFFFFF

 55BAD8

 AFFFFFF

 339FBC

 CDFFFF

 0085A1

 EBFFFF

 006B86

 00536D

 003C55

 00263D

 000928

 000112

 74D6F4

 74D6F4

 5CD0F4

 8CDCF4

 43CBF4

 A5E1F4

 2BC5F4

 BDE7F4

 12BFF4

 D6EDF4

 00BBF4

 EE3F4

 FFF8F4

 FFFE4

 FFFF4

# Harmonies

## Analogous

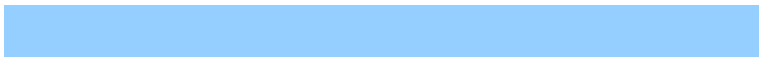
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71D9DB



74D6F4



94CFFF

# Triad

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



74D6F4



FCB4D5



CBCD91

# Complementary

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



74D6F4



F49274

# 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.



E8C390



74D6F4



FFB4B8

# Square

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



74D6F4



E3BBF0



FDBA9E



AAD4A1

# Rectangle

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



74D6F4



B0C9FF



FDBA9E



D6CA8F

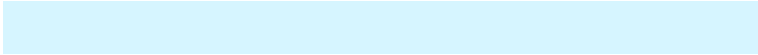


# Sweetspot

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



74D6F4



D6F5FF



74F492



677A80



000000



808080



# Same Dimension

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



74D6F4



5ED9FF



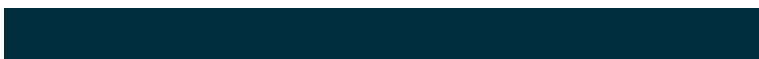
7496F4



6E787A



008FBA



002D3B



# Inverse Universe

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



F474D6



FF5ED9



F4D274



7A6E78



BA008F

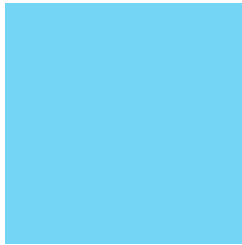


3B002D



# Previews

## White Background



This preview shows how the Hex color 74D6F4 looks on a white background.

## Color Contrast Check

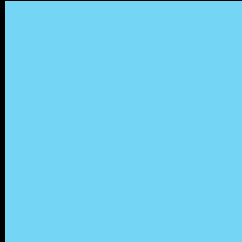
Large Text (above 18pt) WCAG AA × Fail

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 74D6F4 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 74D6F4 Background



This preview shows how black text looks on a background with the Hex color 74D6F4.

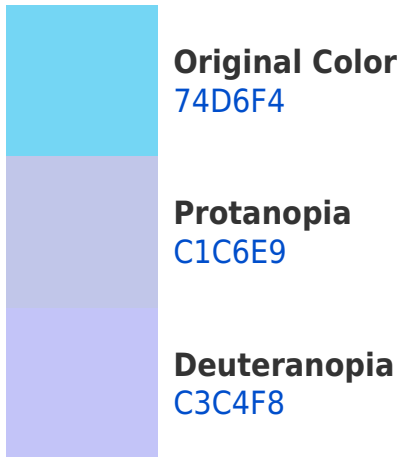


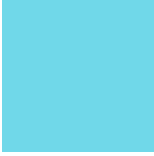
This preview shows how white text looks on a background with the Hex color 74D6F4.

# 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](#).

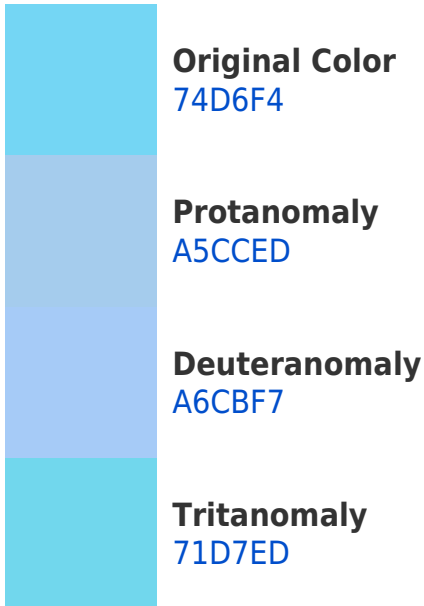
## Dichromacy



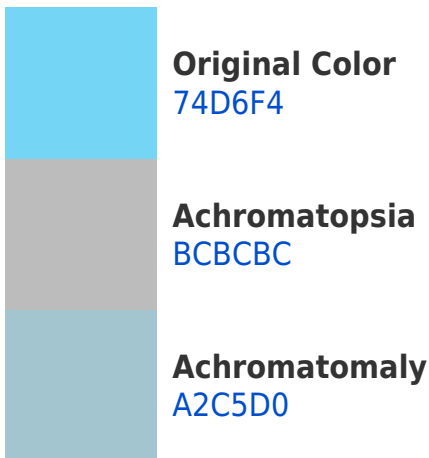


**Tritanopia**  
70D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D6F4 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 #74D6F4 looks like.

```
.text, #text, p{  
    color:#74D6F4  
}
```

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 #74D6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D6F4  
}
```

## Border

The CSS property to change the border of an element to Hex 74D6F4 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  
#74D6F4 }
```

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

```
.border{ border-color:#74D6F4 }
```

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

Here you see how a box with a 4 pixel #74D6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D6F4; -webkit-box-shadow:4px 4px  
4px 4px #74D6F4; box-shadow:4px 4px 4px  
4px #74D6F4 }
```

# Background

The CSS property to change the background color of an element to Hex 74D6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D6F4 }
```

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

```
.background{ background-color:#74D6F4 }
```

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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