

# Converting Colors

Hex(74D3F5)

Have a look what the booklet for  
Hex(74D3F5) contains.

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**Color**

**Hex(74D3F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D3F5
RGB	116, 211, 245
RGB Percent	45%, 83%, 96%
CMY	0.5451, 0.1725, 0.0392
CMYK	0.53, 0.14, 0.00, 0.04
HSL	196°, 87%, 71%
HSV	196°, 53%, 96%
XYZ	46.9782, 56.8941, 94.8919
YIQ	186.4710, -67.5340, -9.5660

# Conversions

## Conversions Part 2

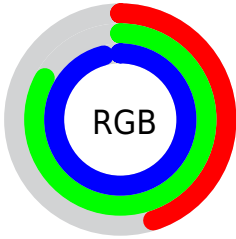
Format	Color
R <sub>Y</sub> B	116, 171, 245
Decimal	7656437
CIE Lab	80.12, -18.98, -25.31
CIE LCh	80, 31.641, 233.132
Yxy	56.8941, 0.2364, 0.2862
Android (android.graphics.Color)	4285846517 (0xFF74D3F5)
YUV	186.4710, 28.8548, -61.8031
Hunter-Lab	75.4282, -20.8260, -21.7896

# Details

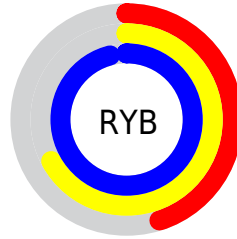
The Hex color **74D3F5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F59674**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **AFFFFFF**, and **339CBD** is the 20% darker color. If you saturate the color by 10%, you get **5CCDF5**, and if you desaturate by 10%, it is **8DD9F5**.

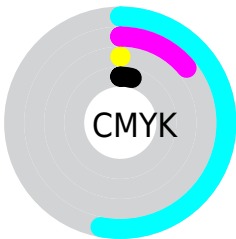
# Distribution



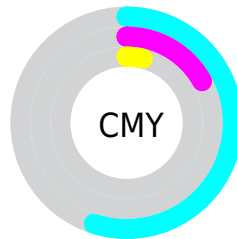
- Red (45%)
- Green (83%)
- Blue (96%)



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



- Cyan (53%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (55%)
- Magenta (17%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D3F5 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 74D3F5 by changing the saturation by 10% instead.



 74D3F5

 74D3F5

FFFFFF

 55B7D8

 AFFFFFF

 339CBD

 CDFFFF

 0082A2

 EBFFFF

 006987

 00516E

 003955

 00243E

 000428

 000112

 74D3F5

 74D3F5

 5CCDF5

 8DD9F5

 43C6F5

 A5E0F5

 2BC0F5

 BEE6F5

 12B9F5

 D6EDF5

 00B4F5

 EFF3F5

 FFFAF5

 FFFFF5

# Harmonies

## Analogous

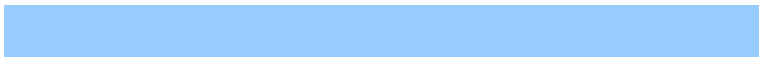
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6CD7DD



74D3F5



97CCFF

# Triad

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



74D3F5



FCB1CF



C4CC90

# Complementary

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



74D3F5



F59674

# 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.



E2C28C



74D3F5



FFB2B1

# Square

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



74D3F5



E6B8EA



F8B999



A2D3A2

# Rectangle

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



74D3F5



B4C5FF



F8B999



CFC98D

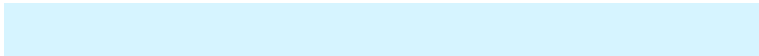


# Sweetspot

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



74D3F5



D6F4FF



74F594



677980



000000



808080



# Same Dimension

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



74D3F5



5ED5FF



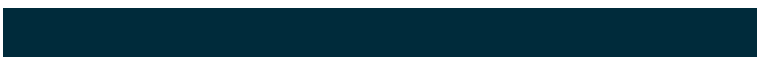
7494F5



6E777A



0089BA



002B3B



# Inverse Universe

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



F574D3



FF5ED5



F5D574



7A6E77



BA0089

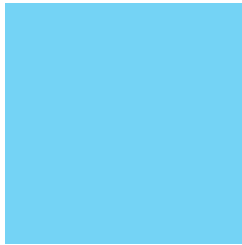


3B002B



# Previews

## White Background



This preview shows how the Hex color 74D3F5 looks on a white background.

## Color Contrast Check

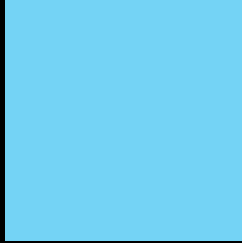
Large Text (above 18pt) WCAG AA × Fail

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 74D3F5 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 74D3F5 Background



This preview shows how black text looks on a background with the Hex color 74D3F5.

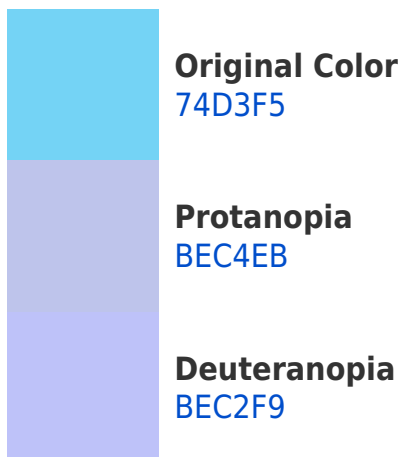


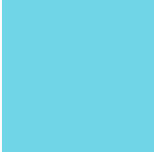
This preview shows how white text looks on a background with the Hex color 74D3F5.

# 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](#).

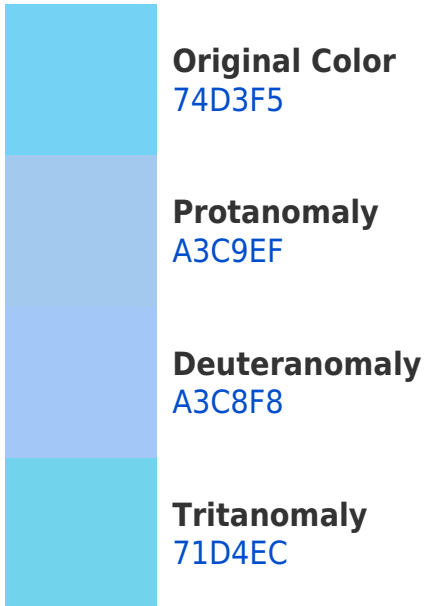
## Dichromacy



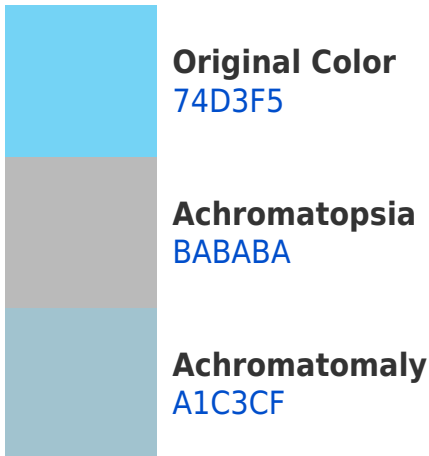


**Tritanopia**  
6FD5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D3F5 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 #74D3F5 looks like.

```
.text, #text, p{  
    color:#74D3F5  
}
```

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 #74D3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D3F5
}
```

## Border

The CSS property to change the border of an element to Hex 74D3F5 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
#74D3F5 }
```

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

```
.border{ border-color:#74D3F5 }
```

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

Here you see how a box with a 4 pixel #74D3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D3F5; -webkit-box-shadow:4px 4px  
4px 4px #74D3F5; box-shadow:4px 4px 4px  
4px #74D3F5 }
```

# Background

The CSS property to change the background color of an element to Hex 74D3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D3F5 }
```

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

```
.background{ background-color:#74D3F5 }
```

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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