

Converting Colors

Hex(4FD6F1)

Have a look what the booklet for
Hex(4FD6F1) contains.

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Color

Hex(4FD6F1)

Conversions

Conversions Part 1

Format	Color
Hex	4FD6F1
RGB	79, 214, 241
RGB Percent	31%, 84%, 95%
CMY	0.6902, 0.1608, 0.0549
CMYK	0.67, 0.11, 0.00, 0.05
HSL	190°, 85%, 63%
HSV	190°, 67%, 95%
XYZ	43.1482, 56.1063, 91.7745
YIQ	176.7130, -89.1270, -20.2230

Conversions

Conversions Part 2

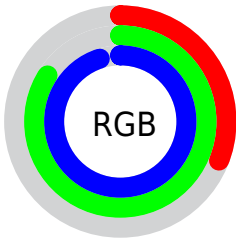
Format	Color
R_{YB}	79, 153, 241
Decimal	5232369
CIE _{Lab}	79.67, -28.11, -23.97
CIE _{LCh}	80, 36.942, 220.450
Yxy	56.1063, 0.2259, 0.2937
Android (android.graphics.Color)	4283422449 (0xFF4FD6F1)
YUV	176.7130, 31.6935, -85.6943
Hunter-Lab	74.9041, -28.2580, -20.2108

Details

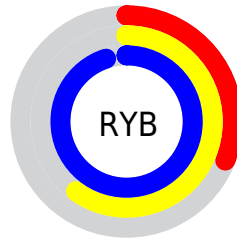
The Hex color **4FD6F1** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F16A4F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **91FFFF**, and **009FB9** is the 20% darker color. If you saturate the color by 10%, you get **37D2F1**, and if you desaturate by 10%, it is **67DAF1**.

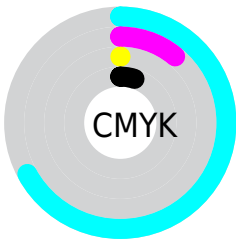
Distribution



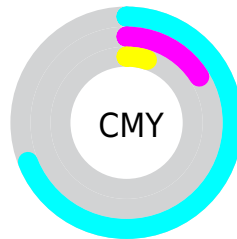
- Red (31%)
- Green (84%)
- Blue (95%)



- Red (31%)
- Yellow (60%)
- Blue (95%)



- Cyan (67%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (69%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FD6F1 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 4FD6F1 by changing the saturation by 10% instead.

 4FD6F1

FFFFFF

 91FFFF

 B1FFFF

 D0FFFF

 EFFFFF

 4FD6F1

 22BAD5

 009FB9

 00859E

 006B84

 00526A

 003B52

 00253B

 000226

 00010E

 4FD6F1

 4FD6F1

 37D2F1

 67DAF1

 1FCEF1

 7FDEF1

 07CAF1

 97E2F1

 00C9F1

 AFE6F1

 C8EAF1

 E0EEF1

 F8F2F1

 FFF6F1

 FFFAF1

Harmonies

Analogous

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



5BD8D1



4FD6F1



74CFFF

Triad

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



4FD6F1



FBAEDD



D1C781

Complementary

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



4FD6F1



F16A4F

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.



F1BC85



4FD6F1



FFABBB

Square

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



4FD6F1



D9B8FA



FFB19A



ABD190

Rectangle

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



4FD6F1



97C9FF



FFB19A



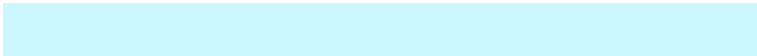
DDC380

Sweetspot

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



4FD6F1



CCF6FF



4FF16A



617A80



000000



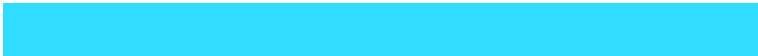
808080

Same Dimension

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



4FD6F1



30DDFF



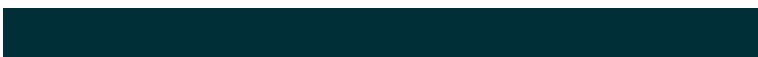
4F85F1



6C7678



0099B8



002F38

Inverse Universe

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



F14FD6



FF30DD



F1BB4F



786C76



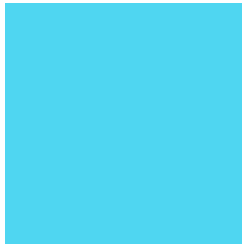
B80099



38002F

Previews

White Background



This preview shows how the Hex color 4FD6F1 looks on a white background.

Color Contrast Check

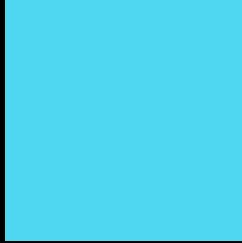
Large Text (above 18pt) WCAG AA × Fail

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 4FD6F1 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 4FD6F1 Background



This preview shows how black text looks on a background with the Hex color 4FD6F1.



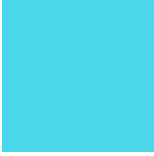
This preview shows how white text looks on a background with the Hex color 4FD6F1.

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](#).

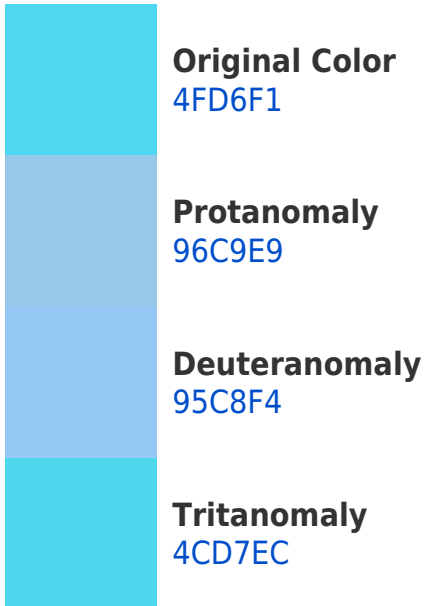
Dichromacy



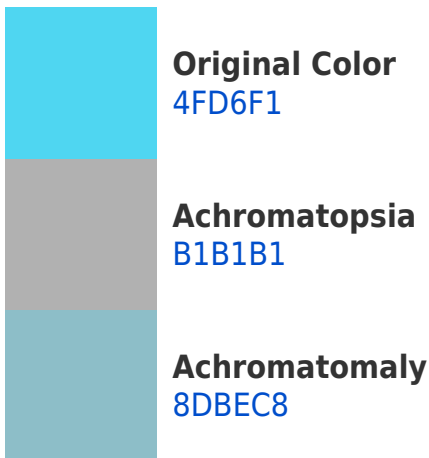


Tritanopia
4AD7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FD6F1 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 #4FD6F1 looks like.

```
.text, #text, p{  
    color:#4FD6F1  
}
```

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 #4FD6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD6F1
}
```

Border

The CSS property to change the border of an element to Hex 4FD6F1 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
#4FD6F1 }
```

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

```
.border{ border-color:#4FD6F1 }
```

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

Here you see how a box with a 4 pixel #4FD6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD6F1; -webkit-box-shadow:4px 4px  
4px 4px #4FD6F1; box-shadow:4px 4px 4px  
4px #4FD6F1 }
```

Background

The CSS property to change the background color of an element to Hex 4FD6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD6F1 }
```

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

```
.background{ background-color:#4FD6F1 }
```

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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