

Converting Colors

Hex(4DCEFF)

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

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Color

Hex(4DCEFF)

Conversions

Conversions Part 1

Format	Color
Hex	4DCEFF
RGB	77, 206, 255
RGB Percent	30%, 81%, 100%
CMY	0.6980, 0.1922, 0.0000
CMYK	0.70, 0.19, 0.00, 0.00
HSL	197°, 100%, 65%
HSV	197°, 70%, 100%
XYZ	43.1819, 52.9404, 102.5503
YIQ	173.0150, -92.6130, -12.1090

Conversions

Conversions Part 2

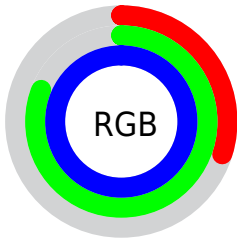
Format	Color
RYB	77, 152, 255
Decimal	5099263
CIELab	77.84, -20.10, -34.25
CIElCh	78, 39.717, 239.589
Yxy	52.9404, 0.2174, 0.2665
Android (android.graphics.Color)	4283289343 (0xFF4DCEFF)
YUV	173.0150, 40.4186, -84.2052
Hunter-Lab	72.7601, -21.3936, -32.6330

Details

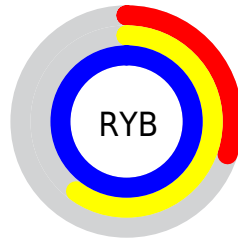
The Hex color **4DCEFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF7E4D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **91FFFF**, and **0098C6** is the 20% darker color. If you saturate the color by 10%, you get **34C7FF**, and if you desaturate by 10%, it is **67D5FF**.

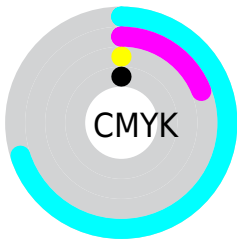
Distribution



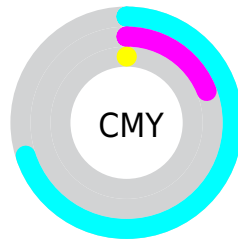
- Red (30%)
- Green (81%)
- Blue (100%)



- Red (30%)
- Yellow (60%)
- Blue (100%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4DCEFF

 4DCEFF

FFFFFF

 1BB2E2

 91FFFF

 0098C6

 B1FFFF

 007EAB

 D0FFFF

 006590

 EFFFFF

 004D76

 00365D

 002145

 00042F

 000119

 4DCEFF

 4DCEFF

 34C7FF

 67D5FF

 1AC0FF

 80DCFF

 01B9FF

 9AE3FF

 00B9FF

 B3EAFF

 CDF1FF

 E6F8FF

FFFFFF

Harmonies

Analogous

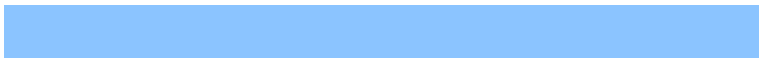
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2FD3E4



4DCEFF



8BC4FF

Triad

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



4DCEFF



FFA4C2



B3C97F

Complementary

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



4DCEFF



FF7E4D

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.



D9BE76



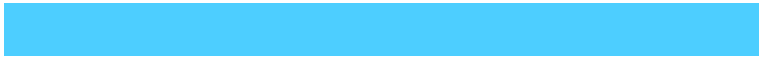
4DCEFF



FFA79E

Square

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



4DCEFF



EEABE6



F7B182



87D19A

Rectangle

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



4DCEFF



B2BCFF



F7B182



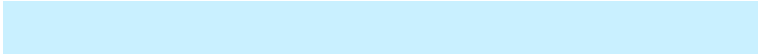
C1C67A

Sweetspot

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



4DCEFF



C9F0FF



4DFF7C



607780



000000



808080

Same Dimension

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



4DCEFF



29C4FF



4D77FF



737C80



008BBF



002E40

Inverse Universe

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



FF4DCE



FF29C4



FFD54D



80737C



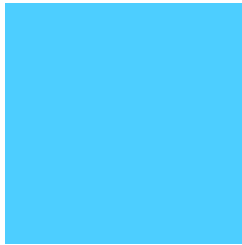
BF008B



40002E

Previews

White Background



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

Color Contrast Check

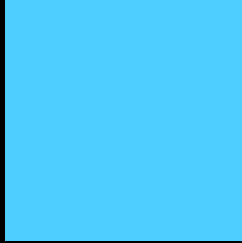
Large Text (above 18pt) WCAG AA × Fail

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 4DCEFF 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

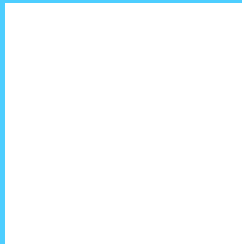
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DCEFF Background



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

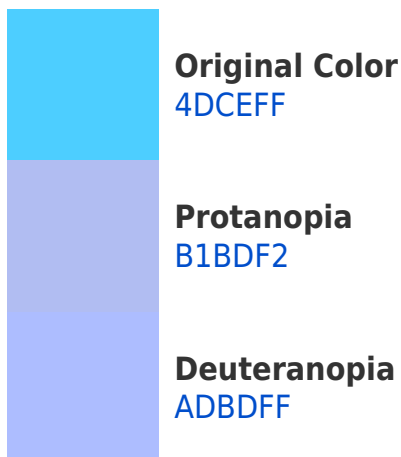


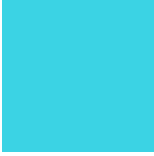
This preview shows how white text looks on a background with the Hex color 4DCEFF.

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](#).

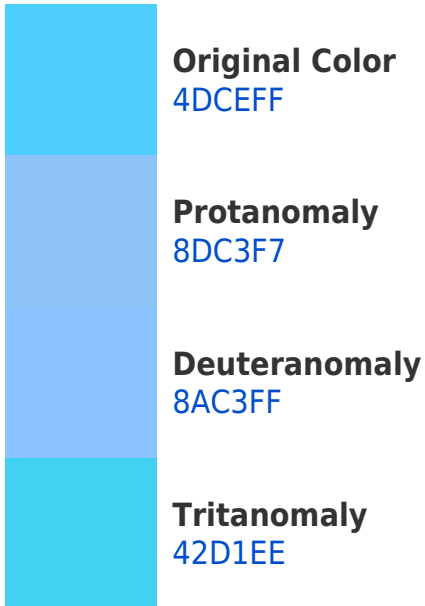
Dichromacy



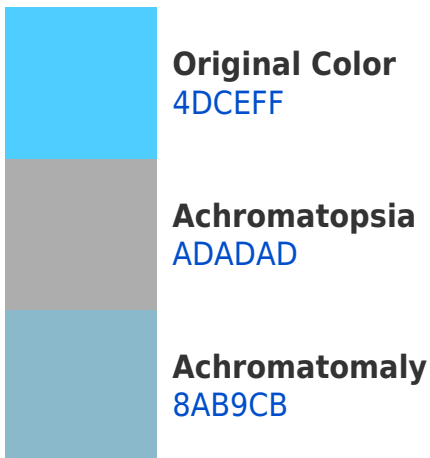


Tritanopia
3BD3E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4DCEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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