

Converting Colors

Hex(4DDBFF)

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

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Color

Hex(4DDBFF)

Conversions

Conversions Part 1

Format	Color
Hex	4DDBFF
RGB	77, 219, 255
RGB Percent	30%, 86%, 100%
CMY	0.6980, 0.1412, 0.0000
CMYK	0.70, 0.14, 0.00, 0.00
HSL	192°, 100%, 65%
HSV	192°, 70%, 100%
XYZ	46.4421, 59.4608, 103.6371
YIQ	180.6460, -96.1880, -18.9080

Conversions

Conversions Part 2

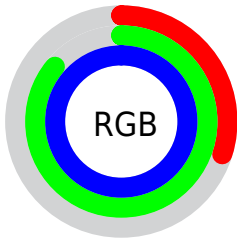
Format	Color
RYB	77, 156, 255
Decimal	5102591
CIELab	81.54, -26.63, -28.56
CIELCh	82, 39.047, 226.996
Yxy	59.4608, 0.2216, 0.2838
Android (android.graphics.Color)	4283292671 (0xFF4DDBFF)
YUV	180.6460, 36.6565, -90.8975
Hunter-Lab	77.1108, -27.4375, -25.7083

Details

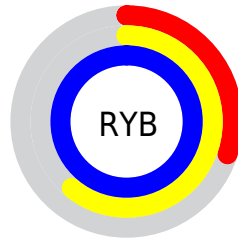
The Hex color **4DDBFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF714D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **92FFFF**, and **00A4C6** is the 20% darker color. If you saturate the color by 10%, you get **34D6FF**, and if you desaturate by 10%, it is **67E0FF**.

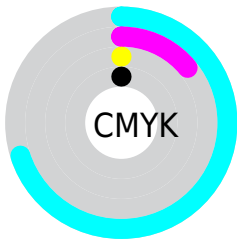
Distribution



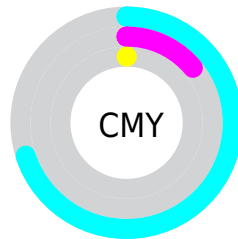
- Red (30%)
- Green (86%)
- Blue (100%)



- Red (30%)
- Yellow (61%)
- Blue (100%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4DDBFF

 4DDBFF

FFFFFF

 19BFE2

 92FFFF

 00A4C6

 B2FFFF

 0089AB

 D1FFFF

 007090

 F0FFFF

 005776

 003F5E

 002946

 000E2F

 00011A

■ 4DDBFF

■ 4DDBFF

■ 34D6FF

■ 67E0FF

■ 1AD1FF

■ 80E5FF

■ 01CCFF

■ 9AEAFF

■ 00CBFF

■ B3F0FF

■ CDF5FF

■ E6FAFF

FFFFFF

Harmonies

Analogous

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



4FDEDF



4DDBFF



7ED3FF

Triad

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



4DDBFF



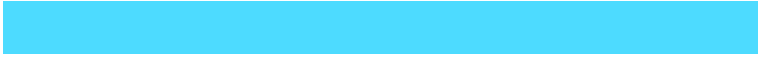
FFB0DC



CECF84

Complementary

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



4DDBFF



FF714D

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.



F2C384



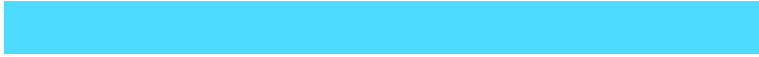
4DDBFF



FFAFB7

Square

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



4DDBFF



E9BAFD



FFB797



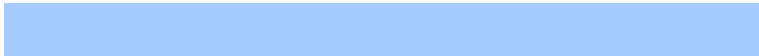
A5D898

Rectangle

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



4DDBFF



A6CBFF



FFB797



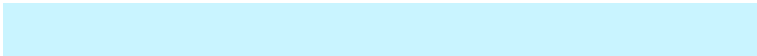
DBC881

Sweetspot

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



4DDBFF



C9F4FF



4DFF71



607980



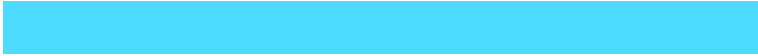
000000



808080

Same Dimension

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



4DDBFF



29D4FF



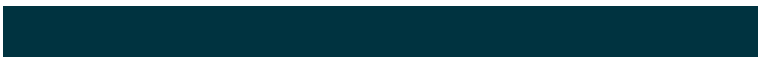
4D82FF



737D80



0099BF



003340

Inverse Universe

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



FF4DDB



FF29D4



FFCA4D



80737D



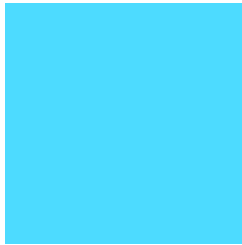
BF0099



400033

Previews

White Background



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

Color Contrast Check

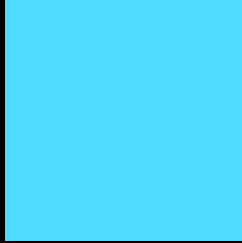
Large Text (above 18pt) WCAG AA × Fail

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 4DDBFF 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 4DDBFF Background



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

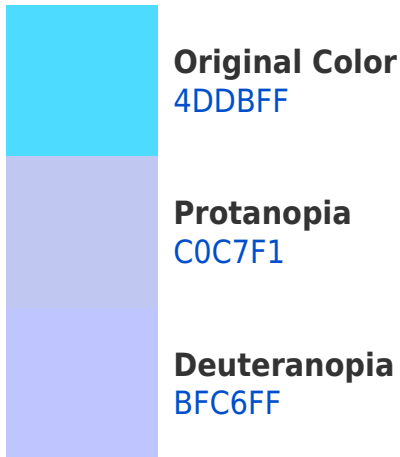


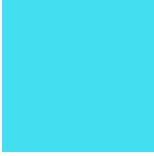
This preview shows how white text looks on a background with the Hex color 4DDBFF.

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](#).

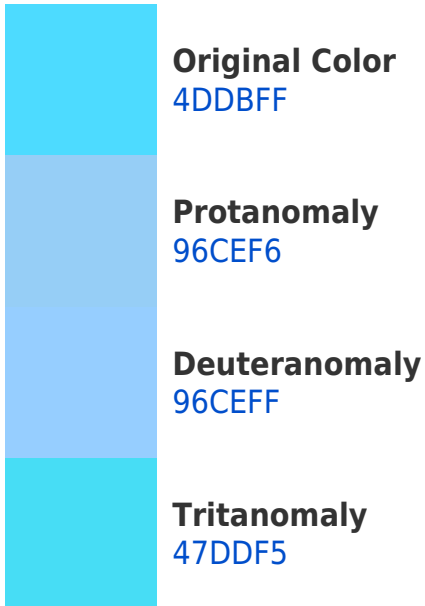
Dichromacy



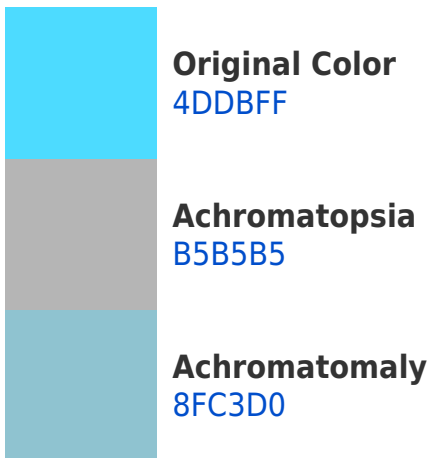


Tritanopia
43DEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4DDBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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