

Converting Colors

Hex(4DB8FF)

Have a look what the booklet for
Hex(4DB8FF) contains.

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Color

Hex(4DB8FF)

Conversions

Conversions Part 1

Format	Color
Hex	4DB8FF
RGB	77, 184, 255
RGB Percent	30%, 72%, 100%
CMY	0.6980, 0.2784, 0.0000
CMYK	0.70, 0.28, 0.00, 0.00
HSL	204°, 100%, 65%
HSV	204°, 70%, 100%
XYZ	38.2511, 43.0788, 100.9067
YIQ	160.1010, -86.5630, -0.6030

Conversions

Conversions Part 2

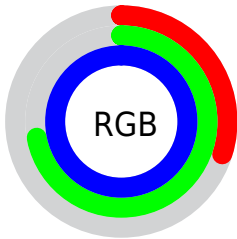
Format	Color
R _Y B	77, 144, 255
Decimal	5093631
CIE Lab	71.61, -8.47, -43.94
CIE LCh	72, 44.752, 259.089
Yxy	43.0788, 0.2099, 0.2364
Android (android.graphics.Color)	4283283711 (0xFF4DB8FF)
YUV	160.1010, 46.7852, -72.8796
Hunter-Lab	65.6344, -10.8323, -45.2087

Details

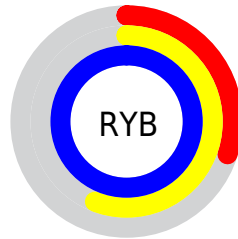
The Hex color **4DB8FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF944D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **90F0FF**, and **0083C6** is the 20% darker color. If you saturate the color by 10%, you get **34AEFF**, and if you desaturate by 10%, it is **67C2FF**.

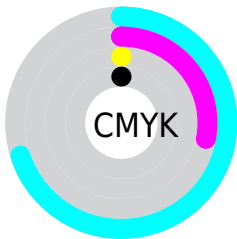
Distribution



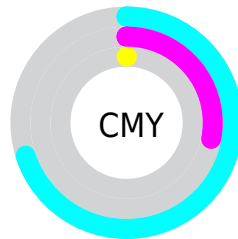
- Red (30%)
- Green (72%)
- Blue (100%)



- Red (30%)
- Yellow (56%)
- Blue (100%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB8FF 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 4DB8FF by changing the saturation by 10% instead.

 4DB8FF

 4DB8FF

FFFFFF

 1D9DE2

 90F0FF

 0083C6

 AFFFFFFF

 006AAA

 CEFFFF

 005290

 EDFFFF

 003C76

 00265C

 001144

 00032D

 000118

■ 4DB8FF

■ 4DB8FF

■ 34AEFF

■ 67C2FF

■ 1AA4FF

■ 80CCFF

■ 0199FF

■ 9AD7FF

■ 0099FF

■ B3E1FF

■ CDEBFF

■ E6F5FF

FFFFFF

Harmonies

Analogous

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



00C1EC



4DB8FF



9CAAFC

Triad

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



4DB8FF



FE9097



80BF78

Complementary

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



4DB8FF



FF944D

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.



AFB560



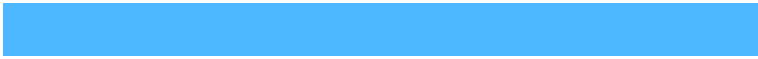
4DB8FF



F29973

Square

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



4DB8FF



F490C0



D6A85F



43C49F

Rectangle

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



4DB8FF



C4A0EF



D6A85F



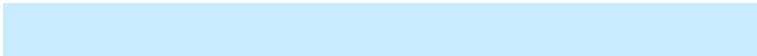
91BC6E

Sweetspot

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



4DB8FF



C9EAFF



4DFF91



607380



000000



808080

Same Dimension

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



4DB8FF



29AAFF



4D62FF



737A80



0073BF



002640

Inverse Universe

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



FF4DB8



FF29AA



FFEA4D



80737A



BF0073



400026

Previews

White Background



This preview shows how the Hex color 4DB8FF looks on a white background.

Color Contrast Check

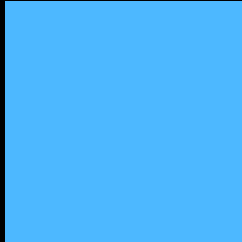
Large Text (above 18pt) WCAG AA × Fail

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 4DB8FF 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

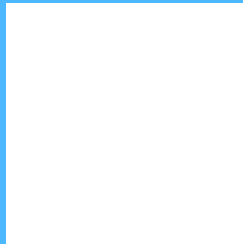
Any Text WCAG AAA ✓ Pass

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

Hex 4DB8FF Background



This preview shows how black text looks on a background with the Hex color 4DB8FF.



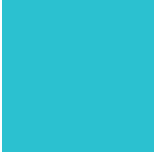
This preview shows how white text looks on a background with the Hex color 4DB8FF.

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



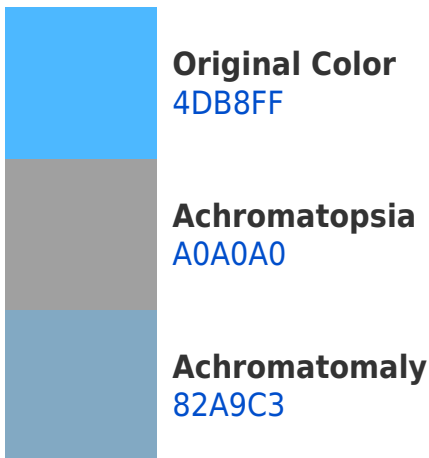


Tritanopia
2BC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB8FF 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 #4DB8FF looks like.

```
.text, #text, p{  
    color:#4DB8FF  
}
```

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 #4DB8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB8FF
}
```

Border

The CSS property to change the border of an element to Hex 4DB8FF 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
#4DB8FF }
```

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

```
.border{ border-color:#4DB8FF }
```

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

Here you see how a box with a 4 pixel #4DB8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB8FF; -webkit-box-shadow:4px 4px  
4px 4px #4DB8FF; box-shadow:4px 4px 4px  
4px #4DB8FF }
```

Background

The CSS property to change the background color of an element to Hex 4DB8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB8FF }
```

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

```
.background{ background-color:#4DB8FF }
```

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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