

Converting Colors

Hex(44DBFF)

Have a look what the booklet for
Hex(44DBFF) contains.

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Color

Hex(44DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	44DBFF
RGB	68, 219, 255
RGB Percent	27%, 86%, 100%
CMY	0.7333, 0.1412, 0.0000
CMYK	0.73, 0.14, 0.00, 0.00
HSL	192°, 100%, 63%
HSV	192°, 73%, 100%
XYZ	45.7654, 59.1120, 103.6054
YIQ	177.9550, -101.5520, -20.8160

Conversions

Conversions Part 2

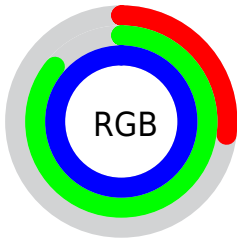
Format	Color
R _{YB}	68, 152, 255
Decimal	4512767
CIE _{Lab}	81.35, -27.73, -28.86
CIE _{LCh}	81, 40.027, 226.148
Y _{xy}	59.1120, 0.2195, 0.2835
Android (android.graphics.Color)	4282702847 (0xFF44DBFF)
YUV	177.9550, 37.9832, -96.4305
Hunter-Lab	76.8843, -28.2954, -26.0772

Details

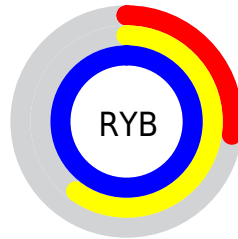
The Hex color **44DBFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6844**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8CFFFF**, and **00A4C6** is the 20% darker color. If you saturate the color by 10%, you get **2AD6FF**, and if you desaturate by 10%, it is **5DE0FF**.

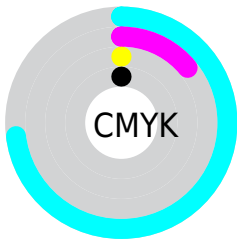
Distribution



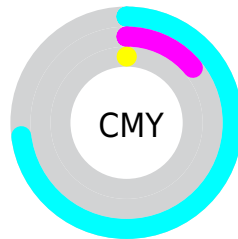
- Red (27%)
- Green (86%)
- Blue (100%)



- Red (27%)
- Yellow (60%)
- Blue (100%)



- Cyan (73%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44DBFF 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 44DBFF by changing the saturation by 10% instead.

 44DBFF

 44DBFF

FFFFFF

 00BFE2

 8CFFFF

 00A4C6

 ACFFFF

 0089AB

 CCFFFF

 007090

 EBFFFF

 005776

 003F5E

 002946

 000D2F

 00011A

■ 44DBFF

■ 44DBFF

■ 2AD6FF

■ 5DE0FF

■ 11D1FF

■ 77E5FF

■ 00CEFF

■ 91EAFF

■ AAFFFF

■ C3F4FF

■ DDF8FF

■ F6FDFF

FFFFFF

Harmonies

Analogous

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



49DEDE



44DBFF



79D3FF

Triad

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



44DBFF



FFAFDD



CFCE81

Complementary

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



44DBFF



FF6844

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.



F3C282



44DBFF



FFAEB7

Square

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



44DBFF



E8B9FE



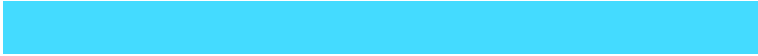
FFB596



A5D895

Rectangle

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



44DBFF



A2CBFF



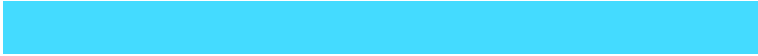
FFB596



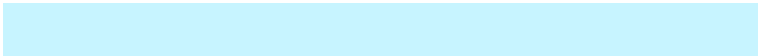
DCCA7F

Sweetspot

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



44DBFF



C7F4FF



44FF66



5E7980



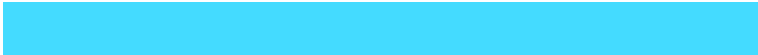
000000



808080

Same Dimension

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



44DBFF



1FD4FF



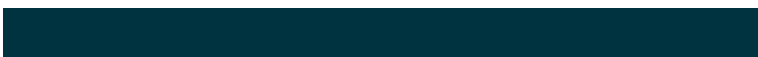
447FFF



737D80



009ABF



003340

Inverse Universe

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



FF44DB



FF1FD4



FFC444



80737D



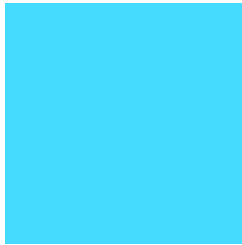
BF009A



400033

Previews

White Background



This preview shows how the Hex color 44DBFF looks on a white background.

Color Contrast Check

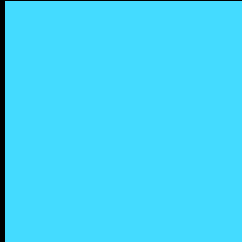
Large Text (above 18pt) WCAG AA × Fail

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 44DBFF 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 44DBFF Background



This preview shows how black text looks on a background with the Hex color 44DBFF.

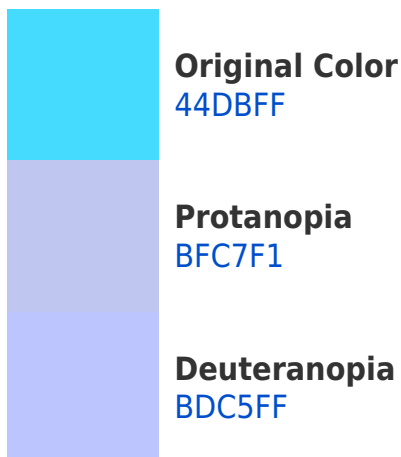


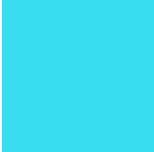
This preview shows how white text looks on a background with the Hex color 44DBFF.

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
38DEF0

Trichromacy



Original Color
44DBFF



Protanomaly
92CEF6



Deuteranomaly
91CDFF

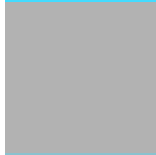


Tritanomaly
3CDFF5

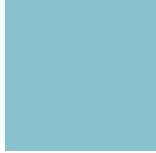
Monochromacy



Original Color
44DBFF



Achromatopsia
B2B2B2



Achromatomaly
8AC1CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 44DBFF 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 #44DBFF looks like.

```
.text, #text, p{  
    color:#44DBFF  
}
```

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 #44DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44DBFF
}
```

Border

The CSS property to change the border of an element to Hex 44DBFF 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
#44DBFF }
```

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

```
.border{ border-color:#44DBFF }
```

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

Here you see how a box with a 4 pixel #44DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44DBFF; -webkit-box-shadow:4px 4px  
4px 4px #44DBFF; box-shadow:4px 4px 4px  
4px #44DBFF }
```

Background

The CSS property to change the background color of an element to Hex 44DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44DBFF }
```

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

```
.background{ background-color:#44DBFF }
```

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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