

Converting Colors

Hex(45DBFF)

Have a look what the booklet for
Hex(45DBFF) contains.

Hex(45DBFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	45DBFF
RGB	69, 219, 255
RGB Percent	27%, 86%, 100%
CMY	0.7294, 0.1412, 0.0000
CMYK	0.73, 0.14, 0.00, 0.00
HSL	192°, 100%, 64%
HSV	192°, 73%, 100%
XYZ	45.8358, 59.1482, 103.6087
YIQ	178.2540, -100.9560, -20.6040

Conversions

Conversions Part 2

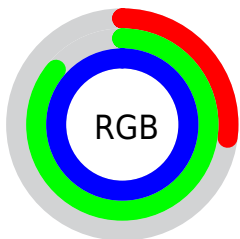
Format	Color
RYB	69, 152, 255
Decimal	4578303
CIELab	81.37, -27.62, -28.83
CIELCh	81, 39.924, 226.235
Yxy	59.1482, 0.2197, 0.2836
Android (android.graphics.Color)	4282768383 (0xFF45DBFF)
YUV	178.2540, 37.8358, -95.8158
Hunter-Lab	76.9079, -28.2059, -26.0387

Details

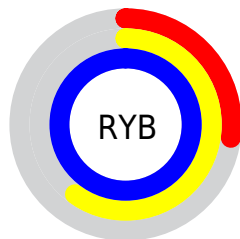
The Hex color **45DBFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6945**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8DFFFF**, and **00A4C6** is the 20% darker color. If you saturate the color by 10%, you get **2BD6FF**, and if you desaturate by 10%, it is **5EE0FF**.

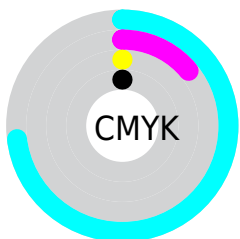
Distribution



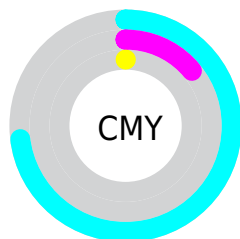
- Red (27%)
- Green (86%)
- Blue (100%)



- 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 45DBFF 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 45DBFF by changing the saturation by 10% instead.

 45DBFF

 45DBFF

FFFFFF

 00BFE2

 8DFFFF

 00A4C6

 ADFFFF

 0089AB

 CCFFFF

 007090

 ECFFFF

 005776

 003F5E

 002946

 000D2F

 00011A

 45DBFF

 45DBFF

 2BD6FF

 5EE0FF

 12D1FF

 78E5FF

 00CEFF

 92EAFF

 ABEFFF

 C4F4FF

 DEF9FF

 F7FEFF

FFFFFF

Harmonies

Analogous

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



4AEEDE



45DBFF



79D3FF

Triad

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



45DBFF



FFAFDD



CFCE81

Complementary

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



45DBFF



FF6945

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



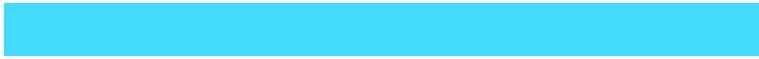
45DBFF



FFAEB7

Square

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



45DBFF



E8B9FE



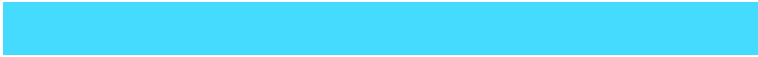
FFB696



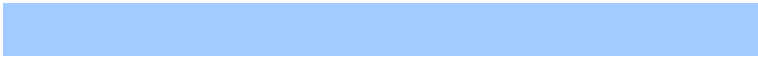
A5D895

Rectangle

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



45DBFF



A2CBFF



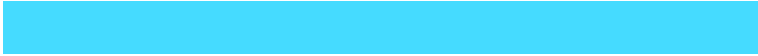
FFB696



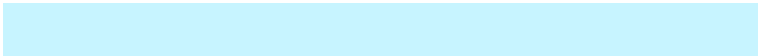
DCCA7F

Sweetspot

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



45DBFF



C7F4FF



45FF67



5E7980



000000



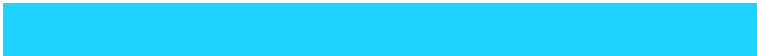
808080

Same Dimension

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



45DBFF



1FD4FF



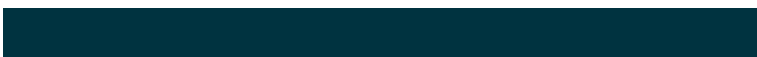
4580FF



737D80



009ABF



003340

Inverse Universe

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



FF45DB



FF1FD4



FFC445



80737D



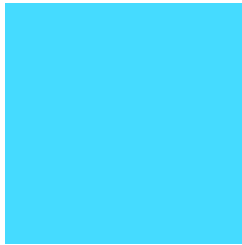
BF009A



400033

Previews

White Background



This preview shows how the Hex color 45DBFF looks on a white background.

Color Contrast Check

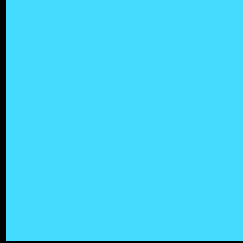
Large Text (above 18pt) WCAG AA × Fail

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 45DBFF 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 45DBFF Background



This preview shows how black text looks on a background with the Hex color 45DBFF.

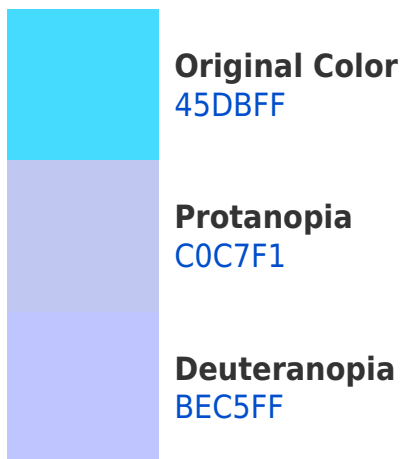


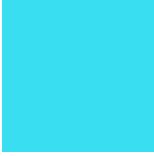
This preview shows how white text looks on a background with the Hex color 45DBFF.

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](#).

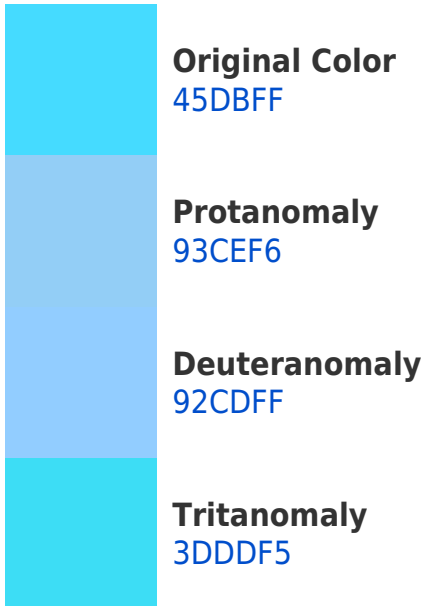
Dichromacy



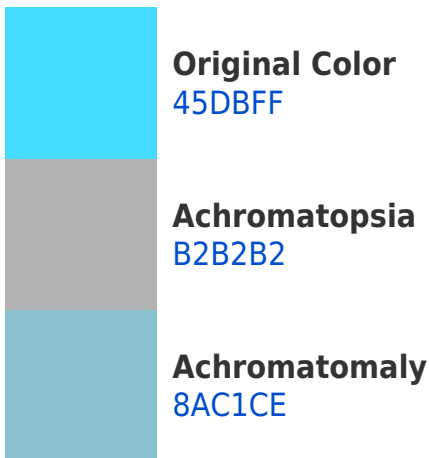


Tritanopia
39DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45DBFF 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 #45DBFF looks like.

```
.text, #text, p{  
    color:#45DBFF  
}
```

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 #45DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DBFF
}
```

Border

The CSS property to change the border of an element to Hex 45DBFF 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
#45DBFF }
```

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

```
.border{ border-color:#45DBFF }
```

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

Here you see how a box with a 4 pixel #45DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DBFF; -webkit-box-shadow:4px 4px  
4px 4px #45DBFF; box-shadow:4px 4px 4px  
4px #45DBFF }
```

Background

The CSS property to change the background color of an element to Hex 45DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DBFF }
```

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

```
.background{ background-color:#45DBFF }
```

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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