

Converting Colors

Hex(47DCFF)

Have a look what the booklet for
Hex(47DCFF) contains.

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Color

Hex(47DCFF)

Conversions

Conversions Part 1

Format	Color
Hex	47DCFF
RGB	71, 220, 255
RGB Percent	28%, 86%, 100%
CMY	0.7216, 0.1373, 0.0000
CMYK	0.72, 0.14, 0.00, 0.00
HSL	191°, 100%, 64%
HSV	191°, 72%, 100%
XYZ	46.2417, 59.7460, 103.7027
YIQ	179.4390, -100.0390, -20.7030

Conversions

Conversions Part 2

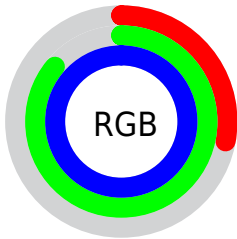
Format	Color
RYB	71, 153, 255
Decimal	4709631
CIELab	81.70, -27.87, -28.33
CIELCh	82, 39.740, 225.467
Yxy	59.7460, 0.2205, 0.2849
Android (android.graphics.Color)	4282899711 (0xFF47DCFF)
YUV	179.4390, 37.2516, -95.1010
Hunter-Lab	77.2955, -28.4803, -25.4389

Details

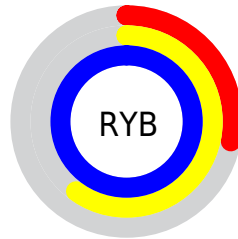
The Hex color **47DCFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6A47**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8EFFFF**, and **00A5C6** is the 20% darker color. If you saturate the color by 10%, you get **2ED7FF**, and if you desaturate by 10%, it is **61E1FF**.

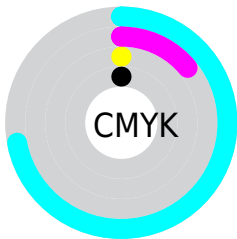
Distribution



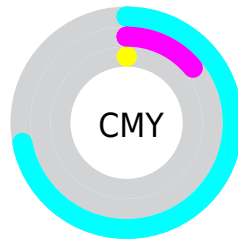
- Red (28%)
- Green (86%)
- Blue (100%)



- Red (28%)
- Yellow (60%)
- Blue (100%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47DCFF 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 47DCFF by changing the saturation by 10% instead.

 47DCFF

 47DCFF

FFFFFF

 03C0E2

 8EFFFF

 00A5C6

 AEFFFF


 008AAB

 CEFFFF

 007090

 EDFFFF

 005876

 00405E

 002A46

 000F2F

 00011A

 47DCFF

 47DCFF

 2ED7FF

 61E1FF

 14D2FF

 7AE6FF

 00CEFF

 93EBFF

 ADEFFF

 C7F4FF

 E0F9FF

 FAFEFF

FFFFFF

Harmonies

Analogous

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



4DDFDE



47DCFF



7AD4FF

Triad

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



47DCFF



FFB1DF



D1CF82

Complementary

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



47DCFF



FF6A47

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.



F4C383



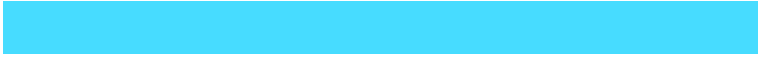
47DCFF



FFAFB9

Square

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



47DCFF



E8BBFF



FFB698



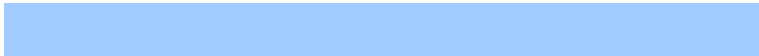
A7D896

Rectangle

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



47DCFF



A2CCFF



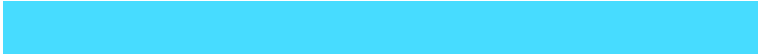
FFB698



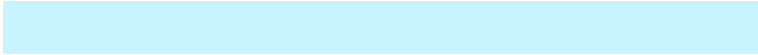
DECB80

Sweetspot

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



47DCFF



C7F4FF



47FF69



5E7980



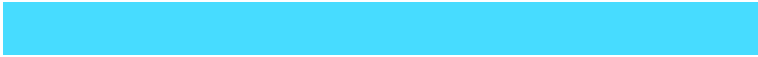
000000



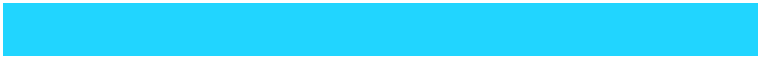
808080

Same Dimension

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



47DCFF



21D5FF



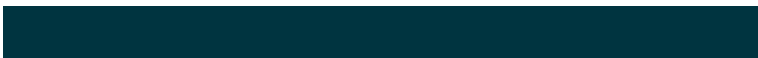
4781FF



737D80



009BBF



003440

Inverse Universe

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



FF47DC



FF21D5



FFC547



80737D



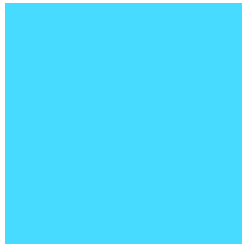
BF009B



400034

Previews

White Background



This preview shows how the Hex color 47DCFF looks on a white background.

Color Contrast Check

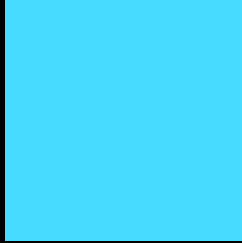
Large Text (above 18pt) WCAG AA × Fail

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 47DCFF 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 47DCFF Background



This preview shows how black text looks on a background with the Hex color 47DCFF.



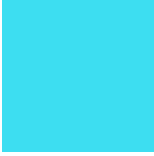
This preview shows how white text looks on a background with the Hex color 47DCFF.

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](#).

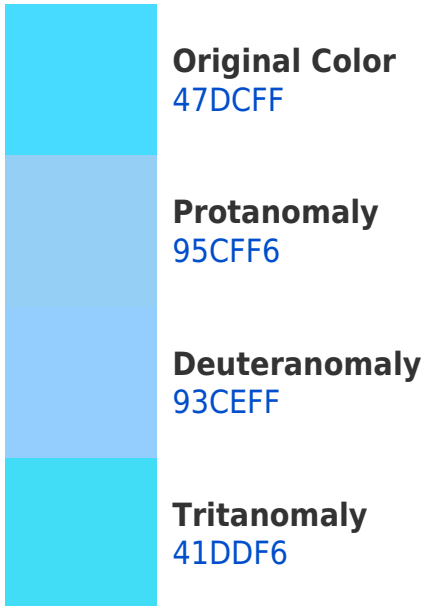
Dichromacy



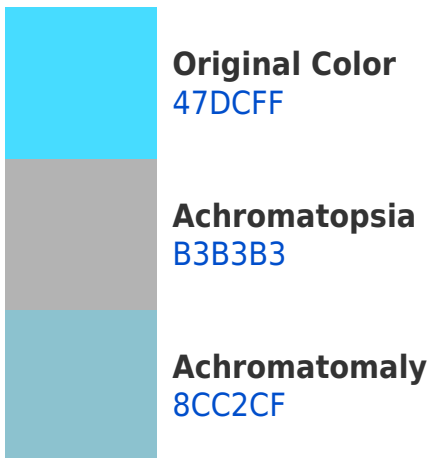


Tritanopia
3DDEF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47DCFF 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 #47DCFF looks like.

```
.text, #text, p{  
    color:#47DCFF  
}
```

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 #47DCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47DCFF
}
```

Border

The CSS property to change the border of an element to Hex 47DCFF 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
#47DCFF }
```

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

```
.border{ border-color:#47DCFF }
```

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

Here you see how a box with a 4 pixel #47DCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47DCFF; -webkit-box-shadow:4px 4px  
4px 4px #47DCFF; box-shadow:4px 4px 4px  
4px #47DCFF }
```

Background

The CSS property to change the background color of an element to Hex 47DCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47DCFF }
```

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

```
.background{ background-color:#47DCFF }
```

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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