

Converting Colors

Hex(47DFFF)

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

Hex(47DFFF)	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(47DFFF)

Conversions

Conversions Part 1

Format	Color
Hex	47DFFF
RGB	71, 223, 255
RGB Percent	28%, 87%, 100%
CMY	0.7216, 0.1255, 0.0000
CMYK	0.72, 0.13, 0.00, 0.00
HSL	190°, 100%, 64%
HSV	190°, 72%, 100%
XYZ	47.0362, 61.3349, 103.9675
YIQ	181.2000, -100.8640, -22.2720

Conversions

Conversions Part 2

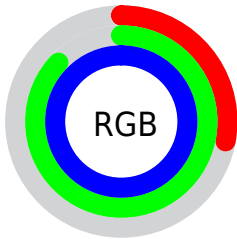
Format	Color
RYB	71, 154, 255
Decimal	4710399
CIELab	82.56, -29.33, -27.02
CIElCh	83, 39.877, 222.646
Yxy	61.3349, 0.2215, 0.2889
Android (android.graphics.Color)	4282900479 (0xFF47DFFF)
YUV	181.2000, 36.3834, -96.6454
Hunter-Lab	78.3166, -29.8487, -23.8875

Details

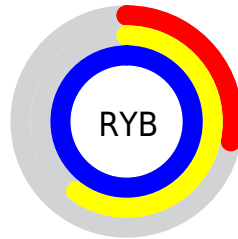
The Hex color **47DFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6747**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **8EFFFF**, and **00A7C6** is the 20% darker color. If you saturate the color by 10%, you get **2EDBFF**, and if you desaturate by 10%, it is **61E3FF**.

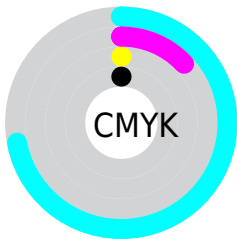
Distribution



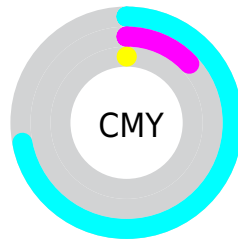
- Red (28%)
- Green (87%)
- Blue (100%)



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



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 47DFFF

 47DFFF

FFFFFF

 01C3E2

 8EFFFF

 00A7C6

 AEFFFF

 008DAB

 CEFFFF

 007390

 EEFFFF

 005A77

 00425E

 002B46

 00132F

 00011A

 47DFFF

 47DFFF

 2EDBFF

 61E3FF

 14D6FF

 7AE8FF

 00D3FF

 93ECFF

 ADF1FF

 C7F5FF

 E0FAFF

 FAFEFF

FFFFFF

Harmonies

Analogous

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



53E2DD



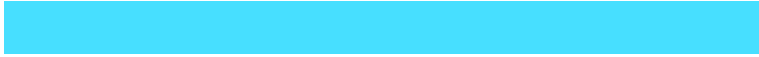
47DFFF



76D7FF

Triad

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



47DFFF



FFB4E5



D7D084

Complementary

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



47DFFF



FF6747

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.



FAC486



47DFFF



FFB1BF

Square

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



47DFFF



E6BEFF



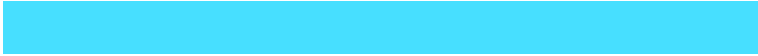
FFB89C



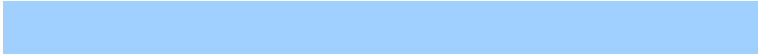
ADDA95

Rectangle

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



47DFFF



9FD0FF



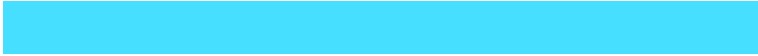
FFB89C



E4CC82

Sweetspot

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



47DFFF



C7F5FF



47FF66



5E7A80



000000



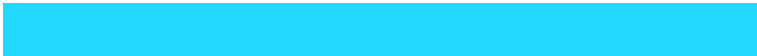
808080

Same Dimension

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



47DFFF



21D8FF



4784FF



737D80



009EBF



003540

Inverse Universe

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



FF47DF



FF21D8



FFC247



80737D



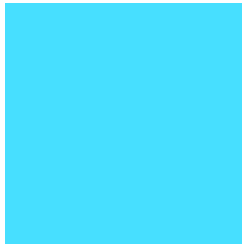
BF009E



400035

Previews

White Background



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

Color Contrast Check

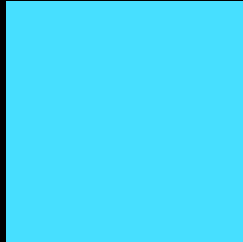
Large Text (above 18pt) WCAG AA × Fail

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 47DFFF 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 47DFFF Background



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

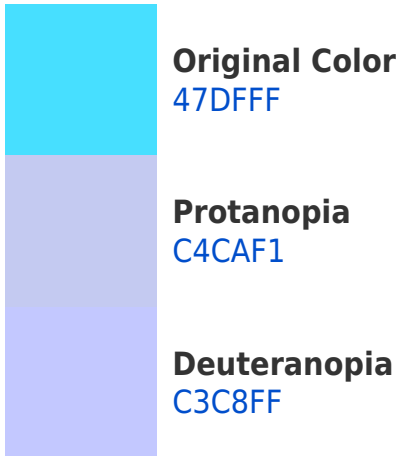


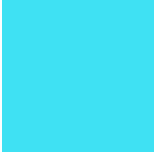
This preview shows how white text looks on a background with the Hex color 47DFFF.

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
3FE1F3

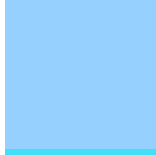
Trichromacy



Original Color
47DFFF



Protanomaly
97D2F6



Deuteranomaly
96D0FF

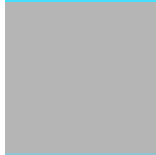


Tritanomaly
42E0F7

Monochromacy



Original Color
47DFFF



Achromatopsia
B5B5B5



Achromatomaly
8DC4D0

CSS Examples

Text

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

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

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 #47DFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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