

Converting Colors

Hex(47DFF1)

Have a look what the booklet for
Hex(47DFF1) contains.

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Color

Hex(47DFF1)

Conversions

Conversions Part 1

Format	Color
Hex	47DFF1
RGB	71, 223, 241
RGB Percent	28%, 87%, 95%
CMY	0.7216, 0.1255, 0.0549
CMYK	0.71, 0.07, 0.00, 0.05
HSL	186°, 86%, 61%
HSV	186°, 71%, 95%
XYZ	44.8634, 60.4658, 92.5256
YIQ	179.6040, -96.3700, -26.6260

Conversions

Conversions Part 2

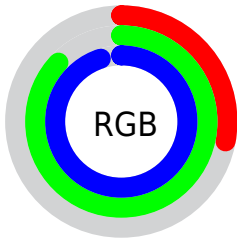
Format	Color
R _Y B	71, 151, 241
Decimal	4710385
CIE Lab	82.09, -33.50, -20.31
CIE LCh	82, 39.180, 211.232
Yxy	60.4658, 0.2267, 0.3056
Android (android.graphics.Color)	4282900465 (0xFF47DFF1)
YUV	179.6040, 30.2682, -95.2457
Hunter-Lab	77.7598, -33.0943, -16.1168

Details

The Hex color **47DFF1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F15947**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8DFFFF**, and **00A7B9** is the 20% darker color. If you saturate the color by 10%, you get **2FDCF1**, and if you desaturate by 10%, it is **5FE2F1**.

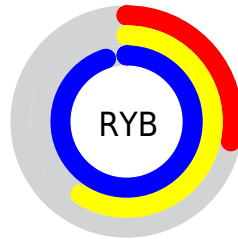
Distribution



Red (28%)

Green (87%)

Blue (95%)



Red (28%)

Yellow (59%)

Blue (95%)

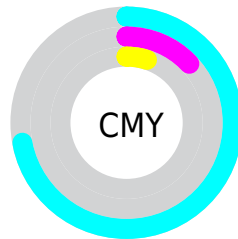


Cyan (71%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (72%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47DFF1 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 47DFF1 by changing the saturation by 10% instead.

 47DFF1

 47DFF1

FFFFFF

 09C3D5

 8DFFFF

 00A7B9

 ADFFFF

 008D9E

 CCFFFF

 007384


 EBFFFF

 005A6B

 004152

 002B3B

 001026

 00010F

 47DFF1

 47DFF1

 2FD0CF1

 5FE2F1

 17DAF1

 77E4F1

 00D7F1

 8FE7F1

 A7E9F1

 C0ECF1

 D8EEF1

 F0F1F1

 FFF3F1

 FFF6F1

Harmonies

Analogous

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



64E0CC



47DFF1



62D9FF

Triad

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



47DFF1



FCB6F0



E4CA82

Complementary

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



47DFF1



F15947

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.



FFBE8D



47DFF1



FFB0CC

Square

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



47DFF1



D3C2FF



FFB3A8



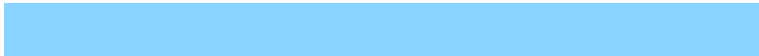
BDD58C

Rectangle

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



47DFF1



88D3FF



FFB3A8



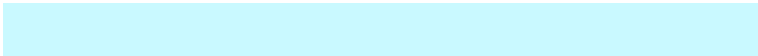
EFC684

Sweetspot

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



47DFF1



C9F9FF



47F158



607C80



000000



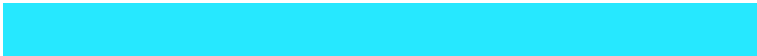
808080

Same Dimension

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



47DFF1



26E8FF



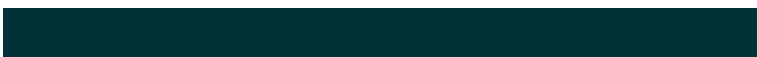
478BF1



6C7778



00A4B8



003238

Inverse Universe

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



F147DF



FF26E8



F1AD47



786C77



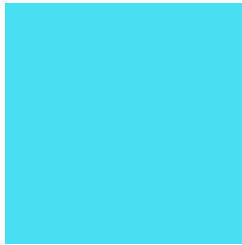
B800A4



380032

Previews

White Background



This preview shows how the Hex color 47DFF1 looks on a white background.

Color Contrast Check

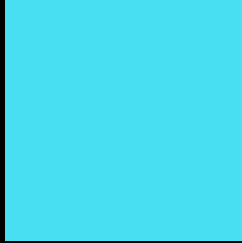
Large Text (above 18pt) WCAG AA × Fail

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 47DFF1 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 47DFF1 Background



This preview shows how black text looks on a background with the Hex color 47DFF1.

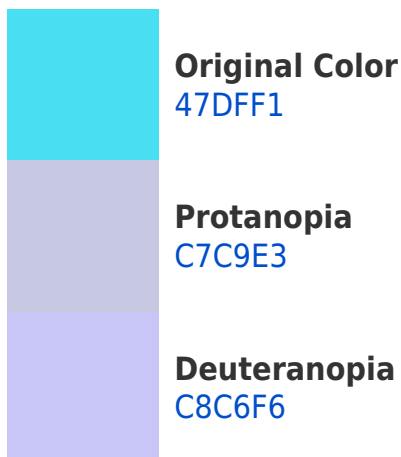


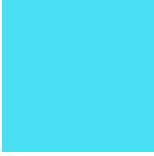
This preview shows how white text looks on a background with the Hex color 47DFF1.

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](#).

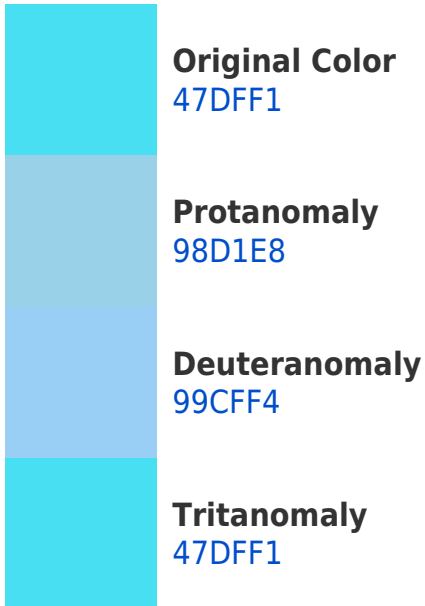
Dichromacy





Tritanopia
47DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47DFF1 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 #47DFF1 looks like.

```
.text, #text, p{  
    color:#47DFF1  
}
```

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 #47DFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47DFF1
}
```

Border

The CSS property to change the border of an element to Hex 47DFF1 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
#47DFF1 }
```

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

```
.border{ border-color:#47DFF1 }
```

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

Here you see how a box with a 4 pixel #47DFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47DFF1; -webkit-box-shadow:4px 4px  
4px 4px #47DFF1; box-shadow:4px 4px 4px  
4px #47DFF1 }
```

Background

The CSS property to change the background color of an element to Hex 47DFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47DFF1 }
```

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

```
.background{ background-color:#47DFF1 }
```

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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