

Converting Colors

Hex(438FF1)

Have a look what the booklet for
Hex(438FF1) contains.

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Color

Hex(438FF1)

Conversions

Conversions Part 1

Format	Color
Hex	438FF1
RGB	67, 143, 241
RGB Percent	26%, 56%, 95%
CMY	0.7373, 0.4392, 0.0549
CMYK	0.72, 0.41, 0.00, 0.05
HSL	214°, 86%, 60%
HSV	214°, 72%, 95%
XYZ	28.0144, 27.1891, 86.9906
YIQ	131.4480, -76.7540, 14.3660

Conversions

Conversions Part 2

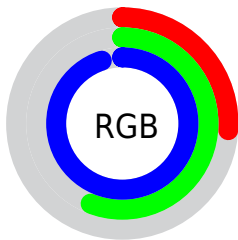
Format	Color
R _Y B	67, 120, 241
Decimal	4427761
CIE Lab	59.15, 8.83, -56.01
CIE LCh	59, 56.706, 278.960
Yxy	27.1891, 0.1970, 0.1912
Android (android.graphics.Color)	4282617841 (0xFF438FF1)
YUV	131.4480, 54.0091, -56.5209
Hunter-Lab	52.1432, 4.6502, -62.4135

Details

The Hex color **438FF1** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F1A543**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **87C4FF**, and **005DB8** is the 20% darker color. If you saturate the color by 10%, you get **2B81F1**, and if you desaturate by 10%, it is **5B9DF1**.

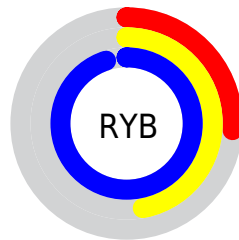
Distribution



Red (26%)

Green (56%)

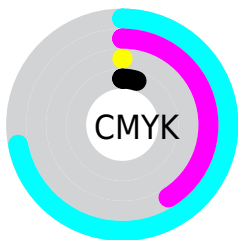
Blue (95%)



Red (26%)

Yellow (47%)

Blue (95%)

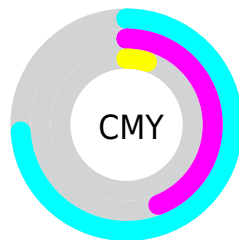


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (74%)

Magenta (44%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438FF1 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 438FF1 by changing the saturation by 10% instead.

 438FF1

 438FF1

FFFFFF

 0976D4

 87C4FF

 005DB8

 A6E0FF

 00469D

 C4FDFF

 003182

 E3FFFF

 001E68

 000650

 000538

 000221

 000007

■ 438FF1

■ 438FF1

■ 2B81F1

■ 5B9DF1

■ 1374F1

■ 73AAF1

■ 0069F1

■ 8BB8F1

■ A3C5F1

■ BBD3F1

■ D4E0F1

■ ECEEF1

■ FFFCF1

■ FFFFF1

Harmonies

Analogous

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



009DEB



438FF1



A47BDC

Triad

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



438FF1



E16B52



00A469

Complementary

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



438FF1



F1A543

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.



659D3C



438FF1



C57F2D

Square

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



438FF1



E96081



9B9121



00A69C

Rectangle

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



438FF1



C96DC3



9B9121



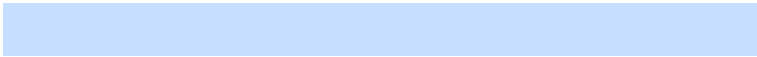
2EA258

Sweetspot

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



438FF1



C7DFFF



43F1A3



5E6D80



000000



808080

Same Dimension

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



438FF1



2182FF



4C43F1



6C7178



0050B8



001938

Inverse Universe

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



F1438F



FF2182



E8F143



786C71



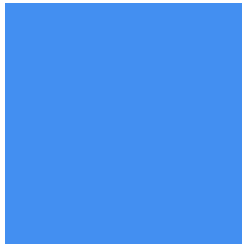
B80050



380019

Previews

White Background



This preview shows how the Hex color 438FF1 looks on a white background.

Color Contrast Check

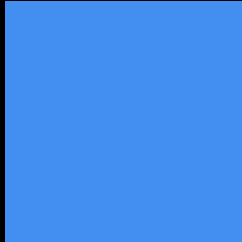
Large Text (above 18pt) WCAG AA ✓ Pass

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 438FF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

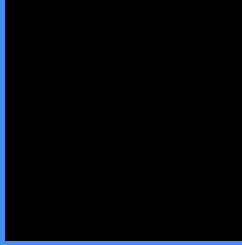
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

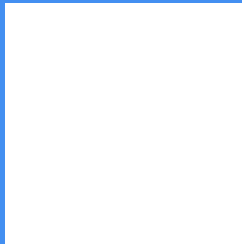
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 438FF1 Background



This preview shows how black text looks on a background with the Hex color 438FF1.



This preview shows how white text looks on a background with the Hex color 438FF1.

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](#).

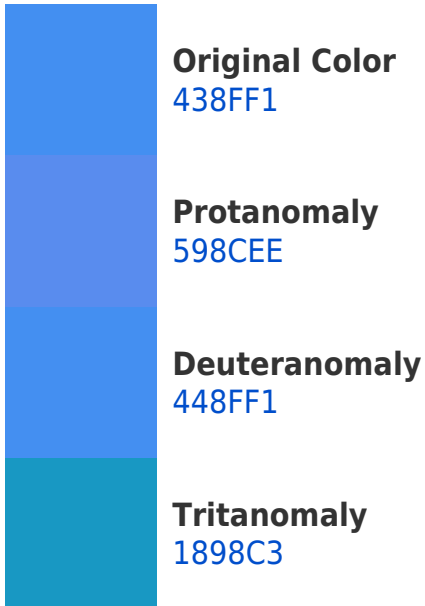
Dichromacy



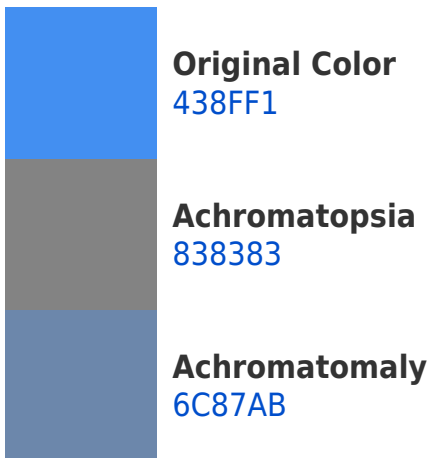


Tritanopia
009DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 438FF1 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 #438FF1 looks like.

```
.text, #text, p{  
    color:#438FF1  
}
```

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 #438FF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438FF1
}
```

Border

The CSS property to change the border of an element to Hex 438FF1 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
#438FF1 }
```

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

```
.border{ border-color:#438FF1 }
```

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

Here you see how a box with a 4 pixel #438FF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438FF1; -webkit-box-shadow:4px 4px  
4px 4px #438FF1; box-shadow:4px 4px 4px  
4px #438FF1 }
```

Background

The CSS property to change the background color of an element to Hex 438FF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438FF1 }
```

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

```
.background{ background-color:#438FF1 }
```

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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