

# Converting Colors

Decimal(43006)

Have a look what the booklet for  
Decimal(43006) contains.

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# **Color**

**Decimal(43006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A7FE
RGB	0, 167, 254
RGB Percent	0%, 65%, 100%
CMY	1.0000, 0.3451, 0.0039
CMYK	1.00, 0.34, 0.00, 0.00
HSL	201°, 100%, 50%
HSV	201°, 100%, 100%
XYZ	31.7081, 34.7932, 98.8105
YIQ	126.9850, -127.4590, -8.3470

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 254
Decimal	43006
CIELab	65.59, -4.89, -52.96
CIELCh	66, 53.190, 264.720
Yxy	34.7932, 0.1918, 0.2105
Android (android.graphics.Color)	4278233086 (0xFF00A7FE)
YUV	126.9850, 62.6184, -111.3658
Hunter-Lab	58.9858, -7.2714, -58.0301

# Details

The Decimal color **43006** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **16668416**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **7397119**, and **29893** is the 20% darker color. If you saturate the color by 10%, you get **43006**, and if you desaturate by 10%, it is **1683710**.

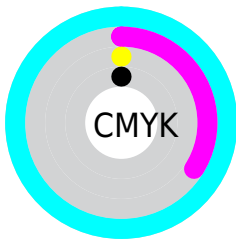
# Distribution



- Red (0%)
- Green (65%)
- Blue (100%)



- Red (0%)
- Yellow (40%)
- Blue (100%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



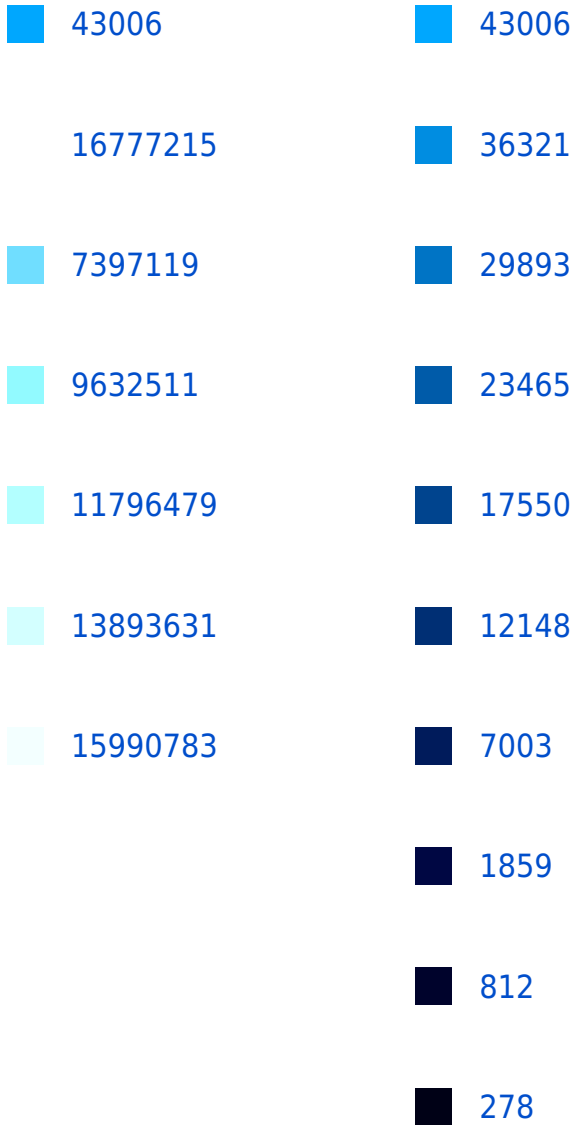
- Cyan (100%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 43006 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 Decimal color 43006 by changing the saturation by 10% instead.





■ 43006

■ 1683710

■ 3389694

■ 5030398

■ 6736638

■ 8377086

■ 10017790

■ 11724030

■ 13364734

■ 15070718

# Harmonies

## Analogous

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



45804



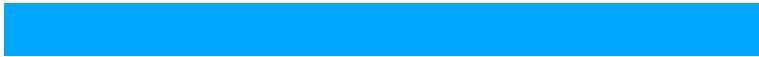
43006



9737974

# Triad

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



43006



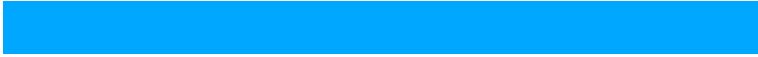
16218490



5812838

# Complementary

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



43006



16668416

# 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.



9676868



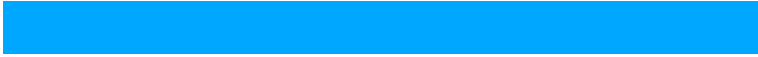
43006



15042642

# Square

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



43006



15890090



12753468



46741

# Rectangle

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



43006



12683747



12753468



7253849

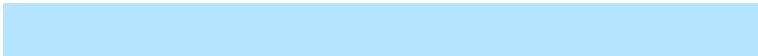


# Sweetspot

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



43006



11789823



65109



5402752



0



8421504

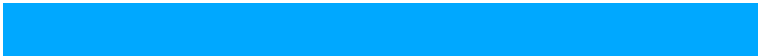


# Same Dimension

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



43006



43263



11006



7568256



32447



10816



# Inverse Universe

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



16646311



16711848



16700416



8418171



12517502



4194346



# Previews

## White Background



This preview shows how the Decimal color 43006 looks on a white background.

## Color Contrast Check

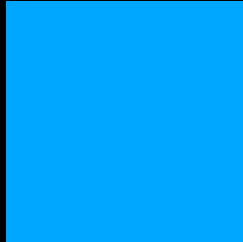
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 43006 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

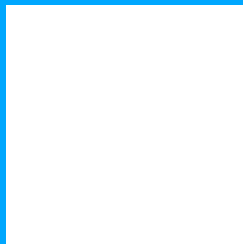
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 43006 Background



This preview shows how black text looks on a background with the Decimal color 43006.



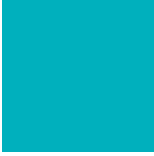
This preview shows how white text looks on a background with the Decimal color 43006.

# 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**  
45245

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 43006 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 #00A7FE looks like.

```
.text, #text, p{  
    color:#00A7FE  
}
```

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 #00A7FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A7FE
}
```

## Border

The CSS property to change the border of an element to Decimal 43006 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
#00A7FE }
```

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

```
.border{ border-color:#00A7FE }
```

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

Here you see how a box with a 4 pixel #00A7FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A7FE; -webkit-box-shadow:4px 4px  
4px 4px #00A7FE; box-shadow:4px 4px 4px  
4px #00A7FE }
```

# Background

The CSS property to change the background color of an element to Decimal 43006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A7FE }
```

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

```
.background{ background-color:#00A7FE }
```

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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