

Converting Colors

Decimal(43513)

Have a look what the booklet for
Decimal(43513) contains.

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Color

Decimal(43513)

Conversions

Conversions Part 1

Format	Color
Hex	00A9F9
RGB	0, 169, 249
RGB Percent	0%, 66%, 98%
CMY	1.0000, 0.3373, 0.0235
CMYK	1.00, 0.32, 0.00, 0.02
HSL	199°, 100%, 49%
HSV	199°, 100%, 98%
XYZ	31.2869, 35.2155, 94.7708
YIQ	127.5890, -126.4040, -10.9480

Conversions

Conversions Part 2

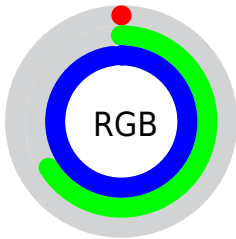
Format	Color
RYB	0, 101, 249
Decimal	43513
CIELab	65.92, -7.85, -49.72
CIELCh	66, 50.339, 261.023
Yxy	35.2155, 0.1940, 0.2184
Android (android.graphics.Color)	4278233593 (0xFF00A9F9)
YUV	127.5890, 59.8556, -111.8956
Hunter-Lab	59.3426, -9.7402, -53.1469

Details

The Decimal color **43513** 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 **16338944**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **7332095**, and **30144** is the 20% darker color. If you saturate the color by 10%, you get **43513**, and if you desaturate by 10%, it is **1683961**.

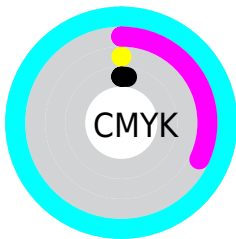
Distribution



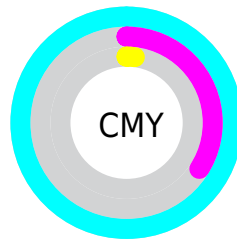
- Red (0%)
- Green (66%)
- Blue (98%)



- Red (0%)
- Yellow (40%)
- Blue (98%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)

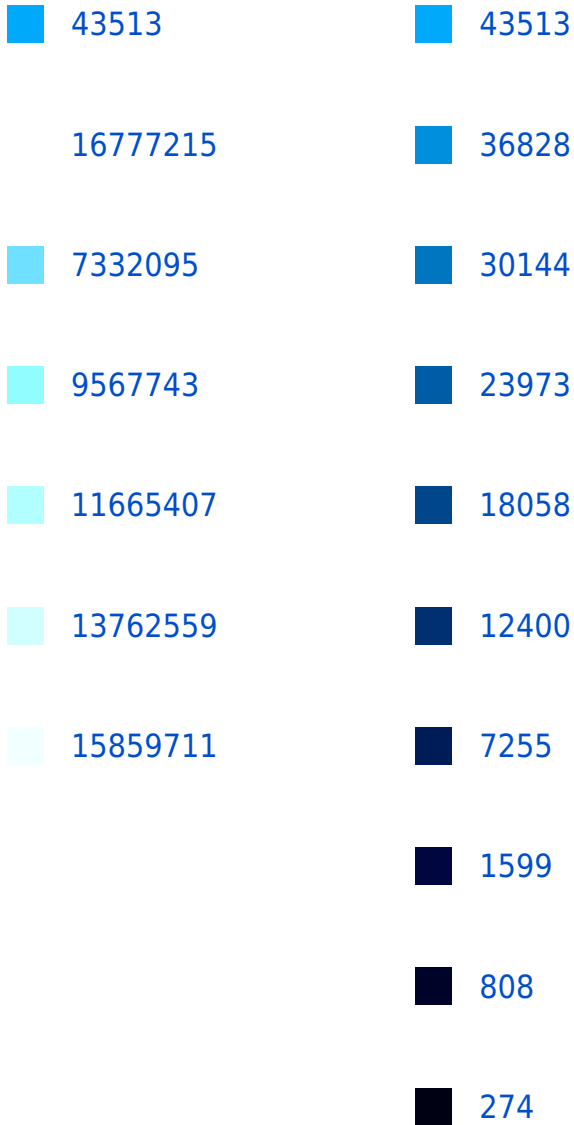


- Cyan (100%)
- Magenta (34%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 43513 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 43513 by changing the saturation by 10% instead.



■ 43513

■ 1683961

■ 3324409

■ 4964857

■ 6605305

■ 8245753

■ 9820665

■ 11461113

■ 13101561

■ 14742009

Harmonies

Analogous

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



46053



43513



9280245

Triad

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



43513



16087938



6730085

Complementary

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



43513



16338944

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.



10200904



43513



15108187

Square

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



43513



15563696



13015364



46737

Rectangle

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



43513



12160741



13015364



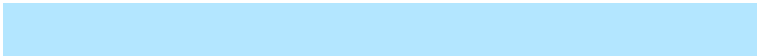
7974489

Sweetspot

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



43513



11790079



63823



5403008



0



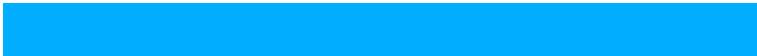
8421504

Same Dimension

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



43513



44543



12025



7371133



32957



10813

Inverse Universe

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



16318633



16711853



16370432



8220793



12386432



3997738

Previews

White Background



This preview shows how the Decimal color 43513 looks on a white background.

Color Contrast Check

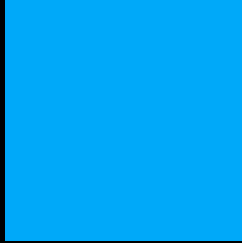
Large Text (above 18pt) WCAG AA × Fail

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 43513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

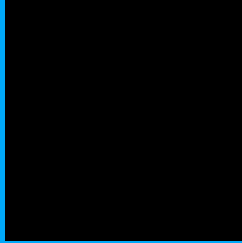
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

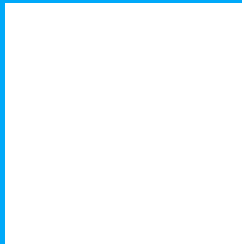
Any Text WCAG AAA ✓ Pass

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

Decimal 43513 Background



This preview shows how black text looks on a background with the Decimal color 43513.



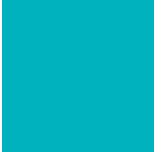
This preview shows how white text looks on a background with the Decimal color 43513.

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](#).

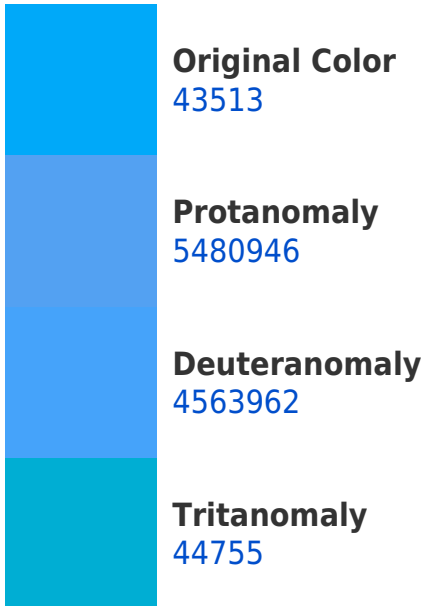
Dichromacy



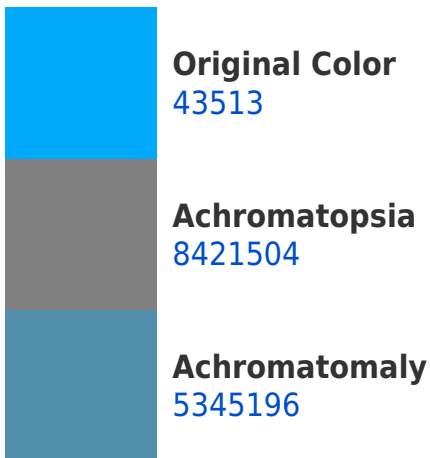


Tritanopia
45502

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 43513 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 #00A9F9 looks like.

```
.text, #text, p{  
    color:#00A9F9  
}
```

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 #00A9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9F9
}
```

Border

The CSS property to change the border of an element to Decimal 43513 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
#00A9F9 }
```

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

```
.border{ border-color:#00A9F9 }
```

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

Here you see how a box with a 4 pixel #00A9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9F9; -webkit-box-shadow:4px 4px  
4px 4px #00A9F9; box-shadow:4px 4px 4px  
4px #00A9F9 }
```

Background

The CSS property to change the background color of an element to Decimal 43513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9F9 }
```

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

```
.background{ background-color:#00A9F9 }
```

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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