

Converting Colors

Decimal(849919)

Have a look what the booklet for
Decimal(849919) contains.

Decimal(849919)	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

Decimal(849919)

Conversions

Conversions Part 1

Format	Color
Hex	0CF7FF
RGB	12, 247, 255
RGB Percent	5%, 97%, 100%
CMY	0.9529, 0.0314, 0.0000
CMYK	0.95, 0.03, 0.00, 0.00
HSL	182°, 100%, 52%
HSV	182°, 95%, 100%
XYZ	51.4624, 73.8197, 106.1440
YIQ	177.6470, -142.6280, -47.3320

Conversions

Conversions Part 2

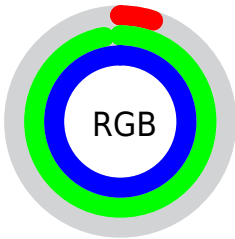
Format	Color
R _Y B	12, 131, 255
Decimal	849919
CIE Lab	88.84, -44.36, -17.55
CIE LCh	89, 47.707, 201.591
Yxy	73.8197, 0.2224, 0.3190
Android (android.graphics.Color)	4279039999 (0xFF0CF7FF)
YUV	177.6470, 38.1350, -145.2724
Hunter-Lab	85.9184, -43.4413, -13.1043

Details

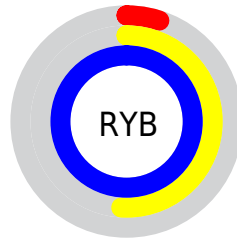
The Decimal color **849919** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **16716812**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **8060927**, and **48838** is the 20% darker color. If you saturate the color by 10%, you get **63487**, and if you desaturate by 10%, it is **2554111**.

Distribution



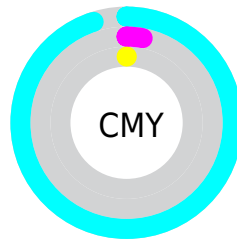
- Red (5%)
- Green (97%)
- Blue (100%)



- Red (5%)
- Yellow (51%)
- Blue (100%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)

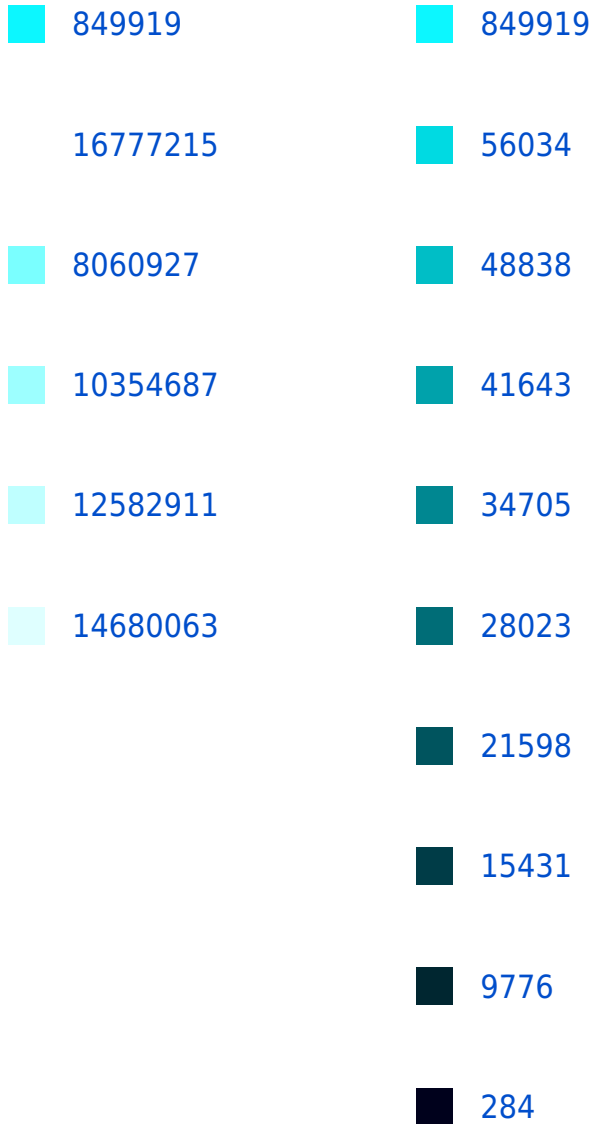


- Cyan (95%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 849919 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 849919 by changing the saturation by 10% instead.



■ 849919

■ 849919

■ 63487

■ 2554111

■ 4192767

■ 5896959

■ 7535359

■ 9239551

■ 10878207

■ 12582399

■ 14221055

■ 15925247

Harmonies

Analogous

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



6944720



849919



2290431

Triad

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



849919



16763135



16767109

Complementary

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



849919



16716812

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.



16763033



849919



16760302

Square

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



849919



13752575



16760256



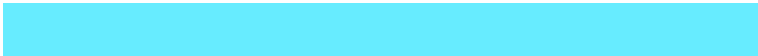
14411657

Rectangle

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



849919



6810879



16760256



16765833

Sweetspot

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



849919



11927039



851728



5471872



0



8421504

Same Dimension

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



849919



63487



819711



7569280



47551



15936

Inverse Universe

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



16714999



16711927



16747020



8418175



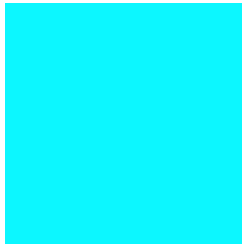
12517561



4194366

Previews

White Background



This preview shows how the Decimal color 849919 looks on a white background.

Color Contrast Check

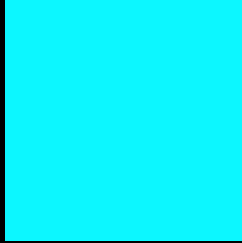
Large Text (above 18pt) WCAG AA × Fail

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 849919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

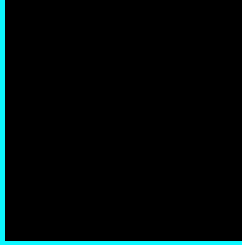
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

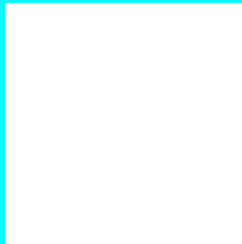
Any Text WCAG AAA ✓ Pass

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

Decimal 849919 Background



This preview shows how black text looks on a background with the Decimal color 849919.

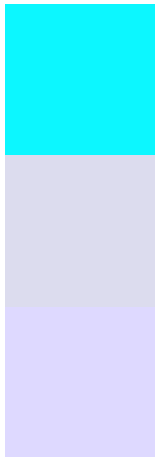


This preview shows how white text looks on a background with the Decimal color 849919.

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](#).

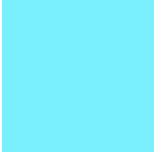
Dichromacy



Original Color
849919

Protanopia
14474478

Deuteranopia
14604799

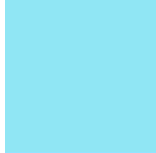


Tritanopia
8057087

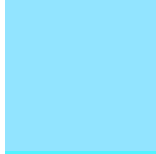
Trichromacy



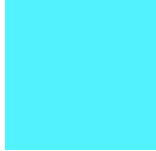
Original Color
849919



Protanomaly
9496308

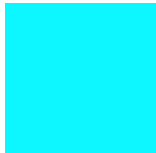


Deuteranomaly
9626879

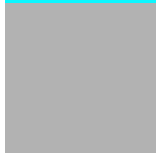


Tritanomaly
5436415

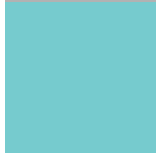
Monochromacy



Original Color
849919



Achromatopsia
11711154



Achromatomaly
7785422

CSS Examples

Text

The CSS property to change the color of the text to Decimal 849919 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 #0CF7FF looks like.

```
.text, #text, p{  
    color:#0CF7FF  
}
```

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 #0CF7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CF7FF
}
```

Border

The CSS property to change the border of an element to Decimal 849919 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
#0CF7FF }
```

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

```
.border{ border-color:#0CF7FF }
```

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

Here you see how a box with a 4 pixel #0CF7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CF7FF; -webkit-box-shadow:4px 4px  
4px 4px #0CF7FF; box-shadow:4px 4px 4px  
4px #0CF7FF }
```

Background

The CSS property to change the background color of an element to Decimal 849919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CF7FF }
```

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

```
.background{ background-color:#0CF7FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor