

Converting Colors

Decimal(2489853)

Have a look what the booklet for
Decimal(2489853) contains.

Decimal(2489853)	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(2489853)

Conversions

Conversions Part 1

Format	Color
Hex	25FDFD
RGB	37, 253, 253
RGB Percent	15%, 99%, 99%
CMY	0.8549, 0.0078, 0.0078
CMYK	0.85, 0.00, 0.00, 0.01
HSL	180°, 98%, 57%
HSV	180°, 85%, 99%
XYZ	53.6179, 77.7357, 105.1070
YIQ	188.4160, -128.7360, -45.7920

Conversions

Conversions Part 2

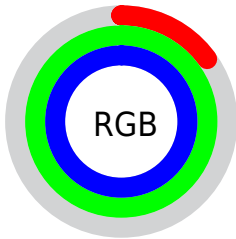
Format	Color
R _Y B	37, 145, 253
Decimal	2489853
CIE Lab	90.66, -46.60, -13.77
CIE LCh	91, 48.592, 196.457
Yxy	77.7357, 0.2268, 0.3287
Android (android.graphics.Color)	4280679933 (0xFF25FDFD)
YUV	188.4160, 31.8399, -132.7918
Hunter-Lab	88.1679, -45.7419, -8.9635

Details

The Decimal color **2489853** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **16590117**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **8519679**, and **50372** is the 20% darker color. If you saturate the color by 10%, you get **851453**, and if you desaturate by 10%, it is **4128253**.

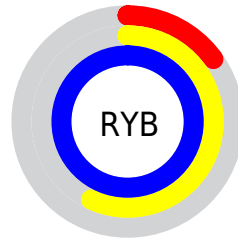
Distribution



Red (15%)

Green (99%)

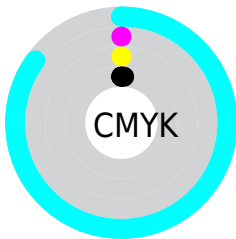
Blue (99%)



Red (15%)

Yellow (57%)

Blue (99%)

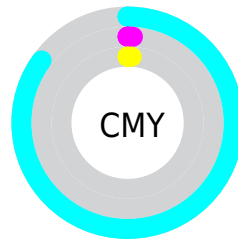


Cyan (85%)

Magenta (0%)

Yellow (0%)

Black (1%)



Cyan (85%)

Magenta (1%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2489853 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 2489853 by changing the saturation by 10% instead.



■ 2489853

■ 2489853

■ 851453

■ 4128253

■ 65021

■ 5832189

■ 7470589

■ 9108989

■ 10812925

■ 12451325

■ 14089725

■ 15728125

■ 16776701

Harmonies

Analogous

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



7863501



2489853



63999

Triad

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



2489853



16764927



16767626

Complementary

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



2489853



16590117

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.



16763555



2489853



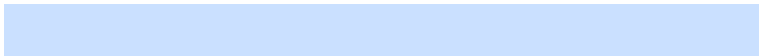
16761595

Square

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



2489853



13295871



16761036



15329929

Rectangle

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



2489853



5895167



16761036



16766352

Sweetspot

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



2489853



12451839



2489637



5800064



0



8421504

Same Dimension

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



2489853



65535



2462205



7569536



49087



16448

Inverse Universe

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



16590333



16711935



16617765



8418176



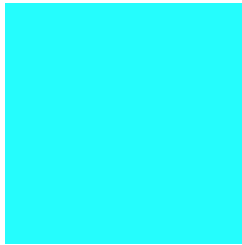
12517567



4194368

Previews

White Background



This preview shows how the Decimal color 2489853 looks on a white background.

Color Contrast Check

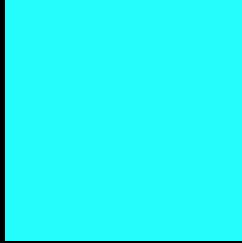
Large Text (above 18pt) WCAG AA × Fail

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 2489853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

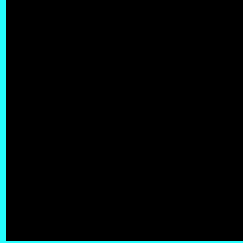
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

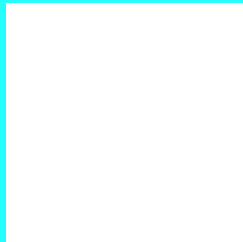
Any Text WCAG AAA ✓ Pass

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

Decimal 2489853 Background



This preview shows how black text looks on a background with the Decimal color 2489853.

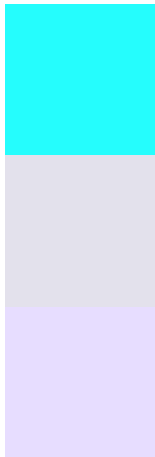


This preview shows how white text looks on a background with the Decimal color 2489853.

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
2489853

Protanopia
14934508

Deuteranopia
15195647



Tritanopia
9892607

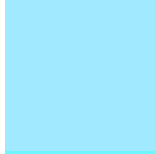
Trichromacy



Original Color
2489853



Protanomaly
10415090



Deuteranomaly
10545662

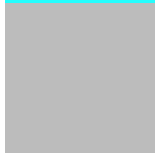


Tritanomaly
7206654

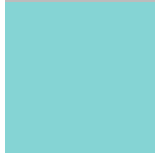
Monochromacy



Original Color
2489853



Achromatopsia
12369084



Achromatomaly
8770772

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2489853 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 #25FDFD looks like.

```
.text, #text, p{  
    color:#25FDFD  
}
```

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 #25FDFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25FDFD
}
```

Border

The CSS property to change the border of an element to Decimal 2489853 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
#25FDFD }
```

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

```
.border{ border-color:#25FDFD }
```

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

Here you see how a box with a 4 pixel #25FDFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25FDFD; -webkit-box-shadow:4px 4px  
4px 4px #25FDFD; box-shadow:4px 4px 4px  
4px #25FDFD }
```

Background

The CSS property to change the background color of an element to Decimal 2489853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25FDFD }
```

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

```
.background{ background-color:#25FDFD }
```

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