

Converting Colors

Decimal(4381819)

Have a look what the booklet for
Decimal(4381819) contains.

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Color

Decimal(4381819)

Conversions

Conversions Part 1

Format	Color
Hex	42DC7B
RGB	66, 220, 123
RGB Percent	26%, 86%, 48%
CMY	0.7412, 0.1373, 0.5176
CMYK	0.70, 0.00, 0.44, 0.14
HSL	142°, 69%, 56%
HSV	142°, 70%, 86%
XYZ	31.4151, 53.7747, 27.4627
YIQ	162.8960, -60.6470, -62.8150

Conversions

Conversions Part 2

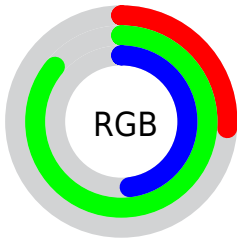
Format	Color
RYB	66, 178, 220
Decimal	4381819
CIELab	78.33, -60.89, 36.27
CIELCh	78, 70.878, 149.218
Yxy	53.7747, 0.2789, 0.4774
Android (android.graphics.Color)	4282571899 (0xFF42DC7B)
YUV	162.8960, -19.6687, -84.9778
Hunter-Lab	73.3312, -51.8602, 29.1276

Details

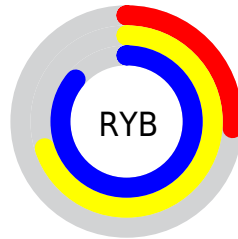
The Decimal color **4381819** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14434979**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **8716209**, and **42056** is the 20% darker color. If you saturate the color by 10%, you get **2940013**, and if you desaturate by 10%, it is **5823625**.

Distribution



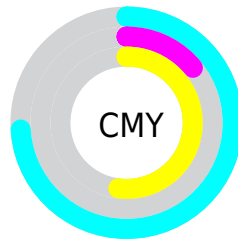
- Red (26%)
- Green (86%)
- Blue (48%)



- Red (26%)
- Yellow (70%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4381819 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 4381819 by changing the saturation by 10% instead.



4381819



4381819

16777215



900961



8716209



42056



10747852



34864



12713961



28183



14745599



21504

16711679



15104



9216



0



4381819



4381819

■ 2940013

■ 5823625

■ 1498207

■ 7265431

■ 56401

■ 8707237

■ 10149042

■ 11590848

■ 13032654

■ 14474460

■ 15916266

■ 16768248

Harmonies

Analogous

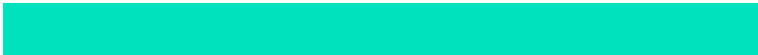
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10801477



4381819



57790

Triad

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



4381819



51967



16747653

Complementary

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



4381819



14434979

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.



16745670



4381819



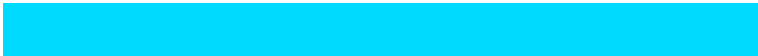
12562943

Square

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



4381819



56063



16750079



16753999

Rectangle

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



4381819



57835



16750079



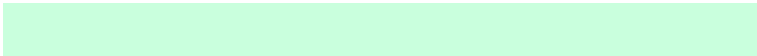
16746394

Sweetspot

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



4381819



13238237



10804290



6324331



0



8421504

Same Dimension

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



4381819



2752376



4381895



6516327



44352



11793

Inverse Universe

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



14434979



16722352



14434903



7234410



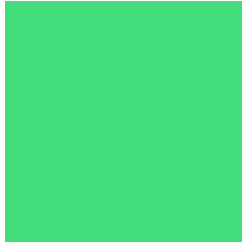
11337837



3014685

Previews

White Background



This preview shows how the Decimal color 4381819 looks on a white background.

Color Contrast Check

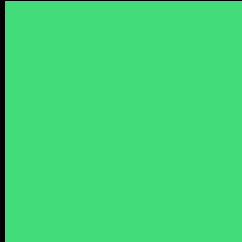
Large Text (above 18pt) WCAG AA × Fail

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 4381819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

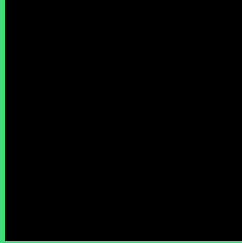
Any Text WCAG AA ✓ Pass

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 4381819 Background



This preview shows how black text looks on a background with the Decimal color 4381819.

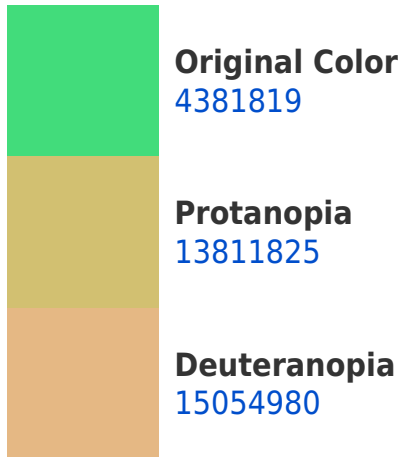


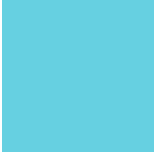
This preview shows how white text looks on a background with the Decimal color 4381819.

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](#).

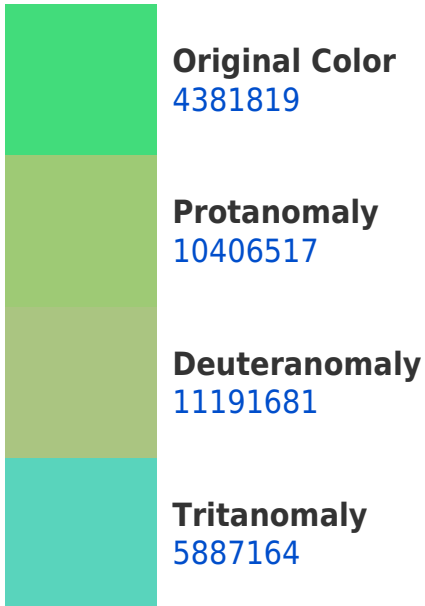
Dichromacy



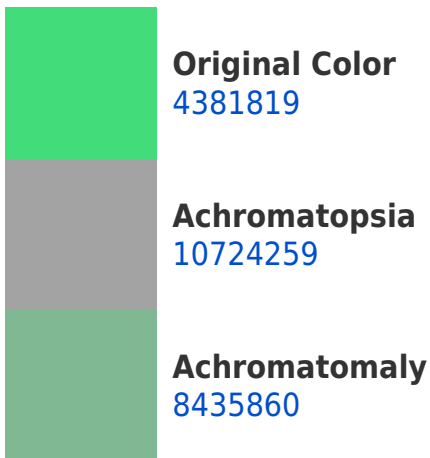


Tritanopia
6738145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4381819 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 #42DC7B looks like.

```
.text, #text, p{  
    color:#42DC7B  
}
```

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 #42DC7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42DC7B
}
```

Border

The CSS property to change the border of an element to Decimal 4381819 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
#42DC7B }
```

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

```
.border{ border-color:#42DC7B }
```

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

Here you see how a box with a 4 pixel #42DC7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42DC7B; -webkit-box-shadow:4px 4px  
4px 4px #42DC7B; box-shadow:4px 4px 4px  
4px #42DC7B }
```

Background

The CSS property to change the background color of an element to Decimal 4381819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42DC7B }
```

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

```
.background{ background-color:#42DC7B }
```

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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