

Converting Colors

Decimal(5298937)

Have a look what the booklet for
Decimal(5298937) contains.

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Color

Decimal(5298937)

Conversions

Conversions Part 1

Format	Color
Hex	50DAF9
RGB	80, 218, 249
RGB Percent	31%, 85%, 98%
CMY	0.6863, 0.1451, 0.0235
CMYK	0.68, 0.12, 0.00, 0.02
HSL	191°, 93%, 65%
HSV	191°, 68%, 98%
XYZ	45.4786, 58.6878, 98.5534
YIQ	180.2720, -92.1990, -19.6150

Conversions

Conversions Part 2

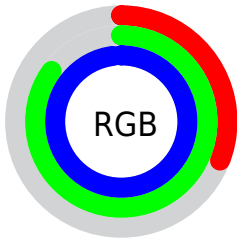
Format	Color
R _Y B	80, 156, 249
Decimal	5298937
CIE Lab	81.12, -27.54, -26.02
CIE LCh	81, 37.889, 223.365
Yxy	58.6878, 0.2243, 0.2895
Android (android.graphics.Color)	4283489017 (0xFF50DAF9)
YUV	180.2720, 33.8829, -87.9385
Hunter-Lab	76.6080, -28.0969, -22.6489

Details

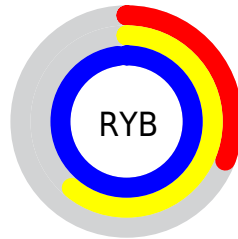
The Decimal color **5298937** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **16346960**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **9699327**, and **41920** is the 20% darker color. If you saturate the color by 10%, you get **3659257**, and if you desaturate by 10%, it is **6938617**.

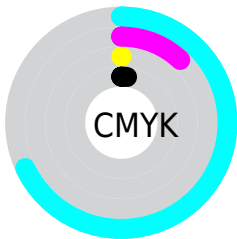
Distribution



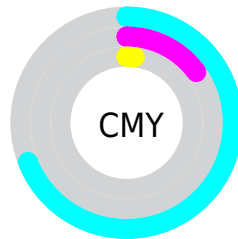
- Red (31%)
- Green (85%)
- Blue (98%)



- Red (31%)
- Yellow (61%)
- Blue (98%)



- Cyan (68%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5298937 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 5298937 by changing the saturation by 10% instead.

 5298937

 5298937

16777215

 2277084

 9699327

 41920

 11796479

 34981

 13828095

 28555

 15859711

 22129

 15961

 10305

 2859

 278

■ 5298937

■ 5298937

■ 3659257

■ 6938617

■ 2019833

■ 8578041

■ 380153

■ 10217721

■ 52217

■ 11857145

■ 13431289

■ 15070713

■ 16710393

■ 16777209

Harmonies

Analogous

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



5823961



5298937



8049663

Triad

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



5298937



16757215



13814916

Complementary

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



5298937



16346960

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.



15974534



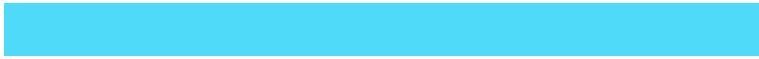
5298937



16756667

Square

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



5298937



14859261



16758170



11196053

Rectangle

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



5298937



10472703



16758170



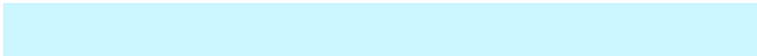
14600578

Sweetspot

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



5298937



13432575



5306735



6388352



0



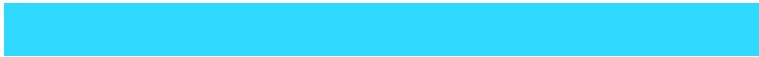
8421504

Same Dimension

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



5298937



3201535



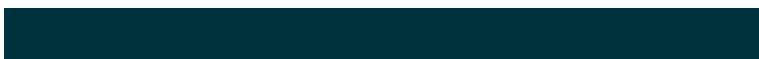
5277433



7371645



39613



12861

Inverse Universe

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



16339162



16724185



16368464



8220795



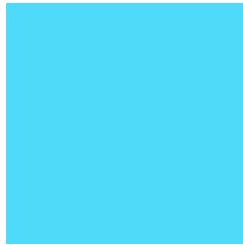
12386458



3997746

Previews

White Background



This preview shows how the Decimal color 5298937 looks on a white background.

Color Contrast Check

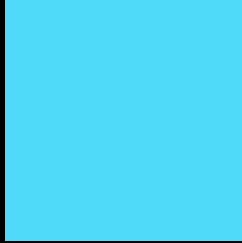
Large Text (above 18pt) WCAG AA × Fail

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 5298937 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 5298937 Background



This preview shows how black text looks on a background with the Decimal color 5298937.

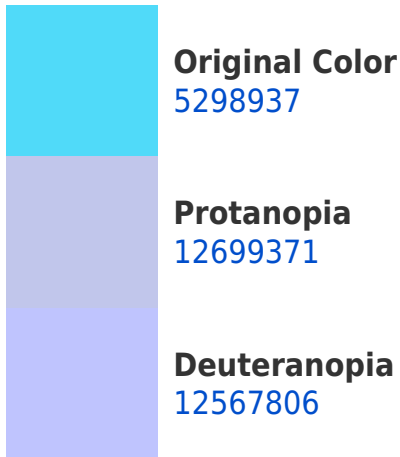


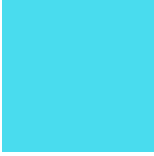
This preview shows how white text looks on a background with the Decimal color 5298937.

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](#).

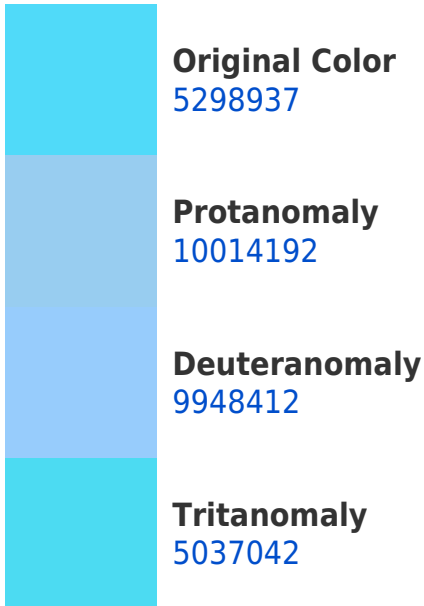
Dichromacy



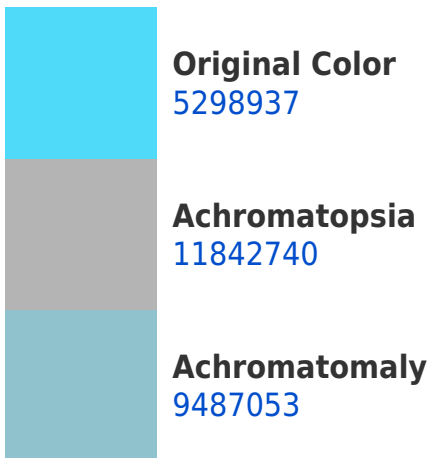


Tritanopia
4840686

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5298937 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 #50DAF9 looks like.

```
.text, #text, p{  
    color:#50DAF9  
}
```

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 #50DAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50DAF9
}
```

Border

The CSS property to change the border of an element to Decimal 5298937 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
#50DAF9 }
```

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

```
.border{ border-color:#50DAF9 }
```

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

Here you see how a box with a 4 pixel #50DAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50DAF9; -webkit-box-shadow:4px 4px  
4px 4px #50DAF9; box-shadow:4px 4px 4px  
4px #50DAF9 }
```

Background

The CSS property to change the background color of an element to Decimal 5298937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50DAF9 }
```

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

```
.background{ background-color:#50DAF9 }
```

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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