

# Converting Colors

Decimal(5298420)

Have a look what the booklet for  
Decimal(5298420) contains.

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# **Color**

**Decimal(5298420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50D8F4
RGB	80, 216, 244
RGB Percent	31%, 85%, 96%
CMY	0.6863, 0.1529, 0.0431
CMYK	0.67, 0.11, 0.00, 0.04
HSL	190°, 88%, 64%
HSV	190°, 67%, 96%
XYZ	44.1933, 57.3489, 94.3282
YIQ	178.5280, -90.0440, -20.1240

# Conversions

## Conversions Part 2

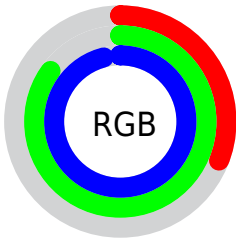
Format	Color
<a href="#">RYB</a>	<a href="#">80, 154, 244</a>
Decimal	<a href="#">5298420</a>
CIELab	<a href="#">80.38, -28.06, -24.49</a>
CIELCh	<a href="#">80, 37.244, 221.123</a>
Yxy	<a href="#">57.3489, 0.2256, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4283488500</a> ( <a href="#">0xFF50D8F4</a> )
YUV	<a href="#">178.5280, 32.2777, -86.4091</a>
Hunter-Lab	<a href="#">75.7290, -28.3584, -20.8414</a>

# Details

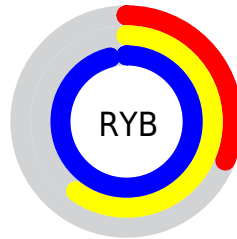
The Decimal color **5298420** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **16018512**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **9699327**, and **41404** is the 20% darker color. If you saturate the color by 10%, you get **3724532**, and if you desaturate by 10%, it is **6872308**.

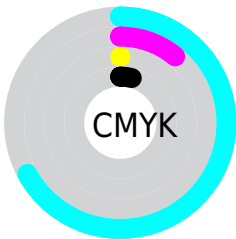
# Distribution



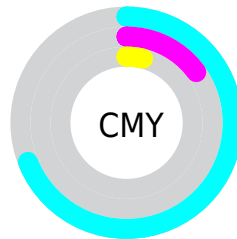
- Red (31%)
- Green (85%)
- Blue (96%)



- Red (31%)
- Yellow (60%)
- Blue (96%)



- Cyan (67%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



















- Cyan (69%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5298420 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 5298420 by changing the saturation by 10% instead.



 5298420	 5298420
 16777215	 2342104
 9699327	 41404
 11730943	 34465
 13762559	 28038
 15794175	 21613
	 15445
	 10045
	 1320
	 274

■ 5298420

■ 5298420

■ 3724532

■ 6872308

■ 2085108

■ 8511732

■ 511220

■ 10085620

■ 51956

■ 11725300

■ 13299188

■ 14873076

■ 16512500

■ 16775668

■ 16776692

# Harmonies

## Analogous

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



6019796



5298420



7787007

# Triad

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



5298420



16691423



13814147

# Complementary

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



5298420



16018512

# 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.



15908486



5298420



16756156

# Square

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



5298420



14465788



16757659



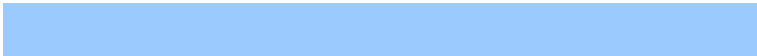
11326354

# Rectangle

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



5298420



10144511



16757659



14599810

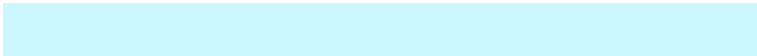


# Sweetspot

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



5298420



13432575



5305451



6388352



0



8421504



# Same Dimension

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



5298420



3202303



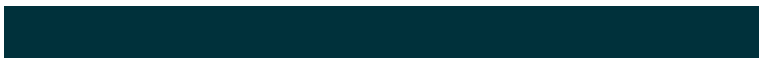
5277684



7239802



39610



12603



# Inverse Universe

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



16011480



16724188



16039248



8023672



12189850

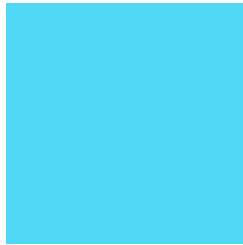


3866673



# Previews

## White Background



This preview shows how the Decimal color 5298420 looks on a white background.

## Color Contrast Check

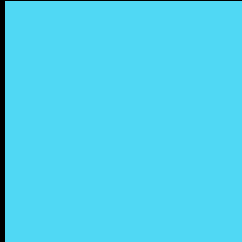
Large Text (above 18pt) WCAG AA × Fail

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 5298420 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 5298420 Background



This preview shows how black text looks on a background with the Decimal color 5298420.

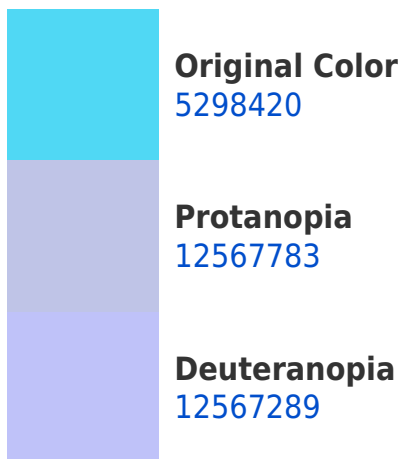


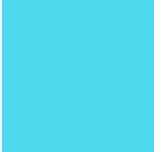
This preview shows how white text looks on a background with the Decimal color 5298420.

# 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](#).

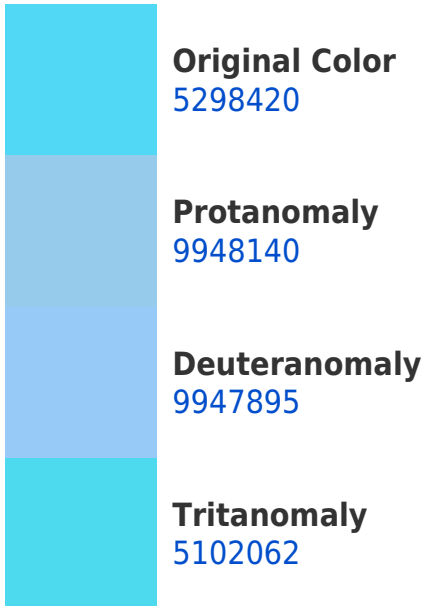
## Dichromacy



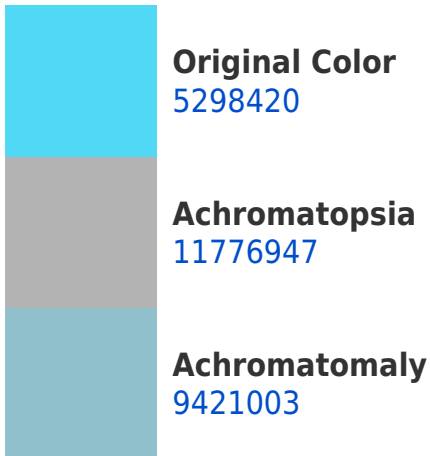


**Tritanopia**  
4970987

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5298420 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 #50D8F4 looks like.

```
.text, #text, p{  
    color:#50D8F4  
}
```

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 #50D8F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D8F4
}
```

## Border

The CSS property to change the border of an element to Decimal 5298420 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
#50D8F4 }
```

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

```
.border{ border-color:#50D8F4 }
```

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

Here you see how a box with a 4 pixel #50D8F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D8F4; -webkit-box-shadow:4px 4px  
4px 4px #50D8F4; box-shadow:4px 4px 4px  
4px #50D8F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 5298420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D8F4 }
```

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

```
.background{ background-color:#50D8F4 }
```

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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