

# Converting Colors

Decimal(4183039)

Have a look what the booklet for  
Decimal(4183039) contains.

<b>Decimal(4183039)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(4183039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FD3FF
RGB	63, 211, 255
RGB Percent	25%, 83%, 100%
CMY	0.7529, 0.1725, 0.0000
CMYK	0.75, 0.17, 0.00, 0.00
HSL	194°, 100%, 62%
HSV	194°, 75%, 100%
XYZ	43.3942, 54.8653, 102.9107
YIQ	171.7640, -102.3320, -17.6920

# Conversions

## Conversions Part 2

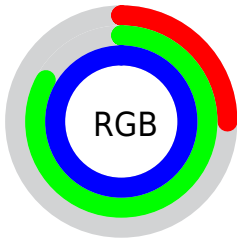
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 147, 255
Decimal	4183039
CIE <sub>Lab</sub>	78.96, -24.32, -32.54
CIE <sub>LCh</sub>	79, 40.627, 233.230
Yxy	54.8653, 0.2157, 0.2727
Android (android.graphics.Color)	4282373119 (0xFF3FD3FF)
YUV	171.7640, 41.0353, -95.3860
Hunter-Lab	74.0711, -25.0512, -30.5248

# Details

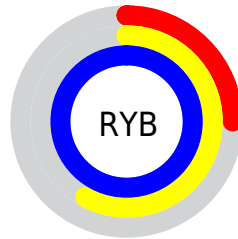
The Decimal color **4183039** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **16739135**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **8978431**, and **40134** is the 20% darker color. If you saturate the color by 10%, you get **2477567**, and if you desaturate by 10%, it is **5888511**.

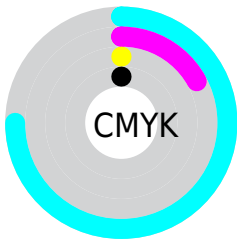
# Distribution



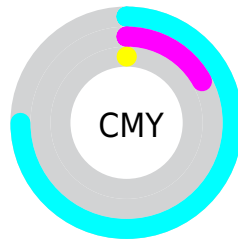
- Red (25%)
- Green (83%)
- Blue (100%)



- Red (25%)
- Yellow (58%)
- Blue (100%)



- Cyan (75%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4183039 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 4183039 by changing the saturation by 10% instead.



 4183039

 4183039

16777215


 47074

 8978431

 40134

 11141119

 33451

 13172735

 27024

 15269887

 20598

 14685

 9285

 1071

 281

■ 4183039

■ 4183039

■ 2477567

■ 5888511

■ 837631

■ 7528447

■ 50687

■ 9233919

■ 10873599

■ 12579071

■ 14219007

■ 15924479

16777215

# Harmonies

## Analogous

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



3266528



4183039



8375039

# Triad

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



4183039



16754638



12569213

# Complementary

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



4183039



16739135

# 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.



14990968



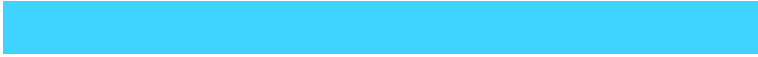
4183039



16754856

# Square

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



4183039



15446001



16757128



9687957

# Rectangle

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



4183039



11125247



16757128



13420409

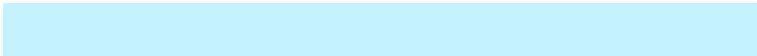


# Sweetspot

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



4183039



12907263



4194153



6059904



0



8421504



# Same Dimension

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



4183039



1690367



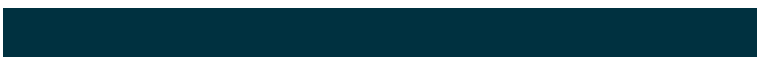
4158975



7568768



37823



12608



# Inverse Universe

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



16728019



16718282



16763199



8418173



12517523

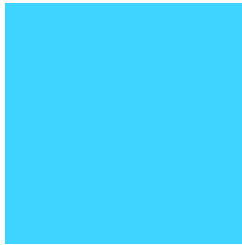


4194353



# Previews

## White Background



This preview shows how the Decimal color 4183039 looks on a white background.

## Color Contrast Check

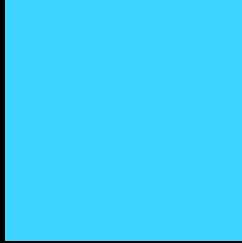
Large Text (above 18pt) WCAG AA × Fail

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 4183039 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 4183039 Background



This preview shows how black text looks on a background with the Decimal color 4183039.



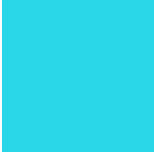
This preview shows how white text looks on a background with the Decimal color 4183039.

# 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



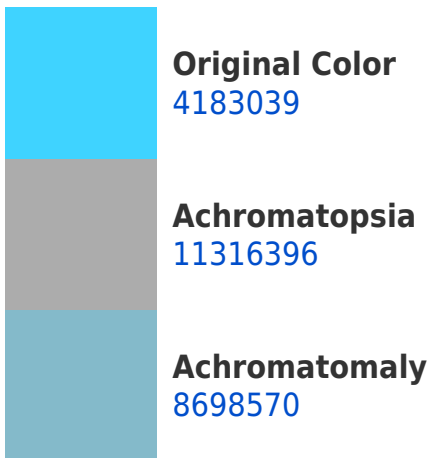


**Tritanopia**  
2807784

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4183039 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 #3FD3FF looks like.

```
.text, #text, p{  
  color:#3FD3FF  
}
```

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 #3FD3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD3FF
}
```

## Border

The CSS property to change the border of an element to Decimal 4183039 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
#3FD3FF }
```

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

```
.border{ border-color:#3FD3FF }
```

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

Here you see how a box with a 4 pixel #3FD3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD3FF; -webkit-box-shadow:4px 4px  
4px 4px #3FD3FF; box-shadow:4px 4px 4px  
4px #3FD3FF }
```

# Background

The CSS property to change the background color of an element to Decimal 4183039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD3FF }
```

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

```
.background{ background-color:#3FD3FF }
```

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