

# Converting Colors

Decimal(4377593)

Have a look what the booklet for  
Decimal(4377593) contains.

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# **Color**

**Decimal(4377593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42CBF9
RGB	66, 203, 249
RGB Percent	26%, 80%, 98%
CMY	0.7412, 0.2039, 0.0235
CMYK	0.73, 0.18, 0.00, 0.02
HSL	195°, 94%, 62%
HSV	195°, 73%, 98%
XYZ	40.7016, 50.7097, 97.2653
YIQ	167.2810, -96.4180, -14.7380

# Conversions

## Conversions Part 2

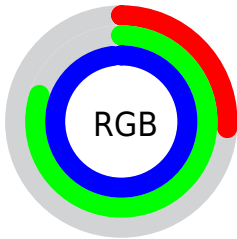
Format	Color
R <sub>Y</sub> B	66, 144, 249
Decimal	4377593
CIE Lab	76.50, -21.85, -33.13
CIE LCh	77, 39.685, 236.598
Yxy	50.7097, 0.2157, 0.2688
Android (android.graphics.Color)	4282567673 (0xFF42CBF9)
YUV	167.2810, 40.2875, -88.8234
Hunter-Lab	71.2107, -22.5944, -31.1355

# Details

The Decimal color **4377593** 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 **16347202**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9043967**, and **38336** is the 20% darker color. If you saturate the color by 10%, you get **2737657**, and if you desaturate by 10%, it is **6017529**.

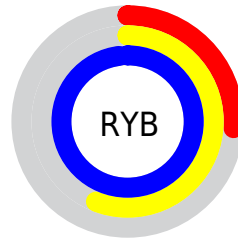
# Distribution



Red (26%)

Green (80%)

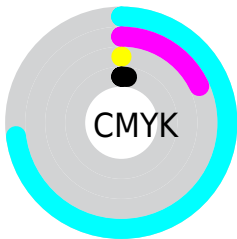
Blue (98%)



Red (26%)

Yellow (56%)

Blue (98%)

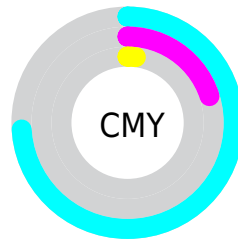


Cyan (73%)

Magenta (18%)

Yellow (0%)

Black (2%)



Cyan (74%)

Magenta (20%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4377593 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 4377593 by changing the saturation by 10% instead.



4377593

4377593

16777215

45020

9043967

38336

11141119

31653

13172735

25227

15204351

19057

13144

8257

810

277

■ 4377593

■ 4377593

■ 2737657

■ 6017529

■ 1097465

■ 7657721

■ 47865

■ 9297657

■ 10937593

■ 12511993

■ 14152185

■ 15792121

■ 16776697

■ 16777209

# Harmonies

## Analogous

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



2805980



4377593



8504063

# Triad

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



4377593



16753090



11781242

# Complementary

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



4377593



16347202

# 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.



14268787



4377593



16753566

# Square

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



4377593



15182054



16100481



8965267

# Rectangle

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



4377593



11123199



16100481



12697973

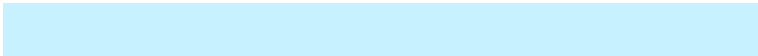


# Sweetspot

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



4377593



13103615



4389232



6190976



0



8421504



# Same Dimension

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



4377593



2082815



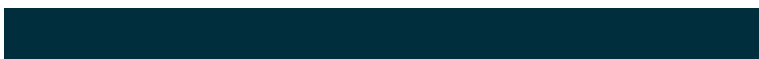
4354297



7371389



36285



11837



# Inverse Universe

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



16335563



16719815



16370498



8220794



12386445

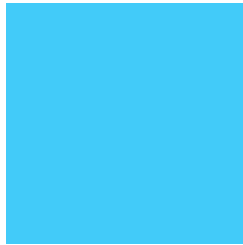


3997742



# Previews

## White Background



This preview shows how the Decimal color 4377593 looks on a white background.

## Color Contrast Check

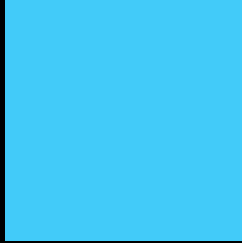
Large Text (above 18pt) WCAG AA × Fail

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 4377593 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 4377593 Background



This preview shows how black text looks on a background with the Decimal color 4377593.

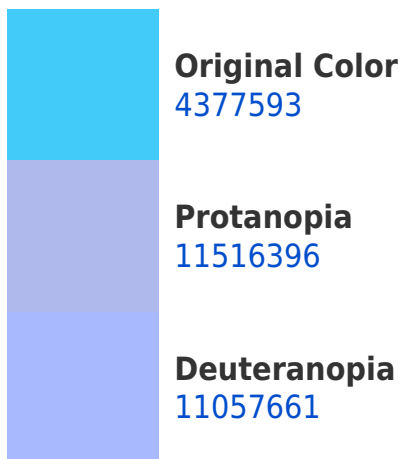


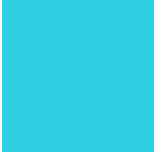
This preview shows how white text looks on a background with the Decimal color 4377593.

# 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**  
3067872

# Trichromacy



**Original Color**  
4377593



**Protanomaly**  
8896753



**Deuteranomaly**  
8634620



**Tritanomaly**  
3526377

# Monochromacy



**Original Color**  
4377593



**Achromatopsia**  
10987431



**Achromatomaly**  
8565957

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4377593 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 #42CBF9 looks like.

```
.text, #text, p{  
    color:#42CBF9  
}
```

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 #42CBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42CBF9
}
```

## Border

The CSS property to change the border of an element to Decimal 4377593 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
#42CBF9 }
```

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

```
.border{ border-color:#42CBF9 }
```

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

Here you see how a box with a 4 pixel #42CBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42CBF9; -webkit-box-shadow:4px 4px  
4px 4px #42CBF9; box-shadow:4px 4px 4px  
4px #42CBF9 }
```

# Background

The CSS property to change the background color of an element to Decimal 4377593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42CBF9 }
```

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

```
.background{ background-color:#42CBF9 }
```

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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