

# Converting Colors

Decimal(8375003)

Have a look what the booklet for  
Decimal(8375003) contains.

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# **Color**

**Decimal(8375003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FCADB
RGB	127, 202, 219
RGB Percent	50%, 79%, 86%
CMY	0.5020, 0.2078, 0.1412
CMYK	0.42, 0.08, 0.00, 0.14
HSL	191°, 56%, 68%
HSV	191°, 42%, 86%
XYZ	42.6591, 51.8676, 74.7809
YIQ	181.5130, -50.1570, -10.6130

# Conversions

## Conversions Part 2

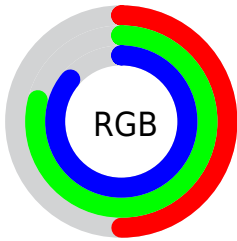
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 168, 219
Decimal	8375003
CIELab	77.20, -18.91, -15.77
CIELCh	77, 24.620, 219.816
Yxy	51.8676, 0.2520, 0.3064
Android (android.graphics.Color)	4286565083 (0xFF7FCADB)
YUV	181.5130, 18.4811, -47.8079
Hunter-Lab	72.0191, -20.3025, -11.1502

# Details

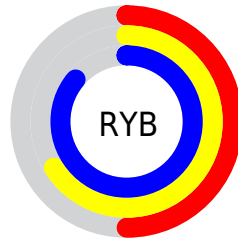
The Decimal color **8375003** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14389375**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **12124159**, and **4691108** is the 20% darker color. If you saturate the color by 10%, you get **6932187**, and if you desaturate by 10%, it is **9817819**.

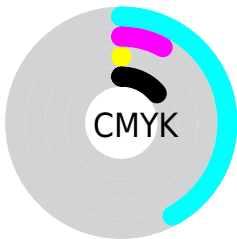
# Distribution



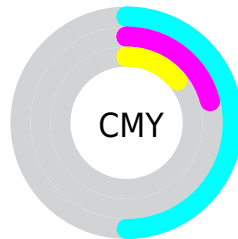
- Red (50%)
- Green (79%)
- Blue (86%)



- Red (50%)
- Yellow (66%)
- Blue (86%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (50%)
- Magenta (21%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8375003 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 8375003 by changing the saturation by 10% instead.



8375003

8375003

16777215

6533055

12124159

4691108

13959167

2652810

15925247

24944

18776

12864

7722

278

0

8375003

8375003

6932187

9817819

5489371

11260635

4046555

12703451

2603739

14146267

1226459

15523547

46043

16769755

16770779

16771803

16772827

# Harmonies

## Analogous

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



8572102



8375003



9487849

# Triad

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



8375003



14856399



13156498

# Complementary

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



8375003



14389375

# 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.



14596244



8375003



15576760

# Square

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



8375003



13416162



15446434



11519643

# Rectangle

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



8375003



10732012



15446434



13680017

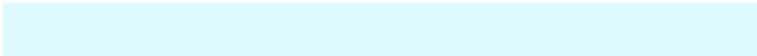


# Sweetspot

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



8375003



14612991



8379280



7044224



0



8421504

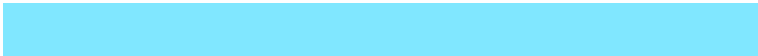


# Same Dimension

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



8375003



8447999



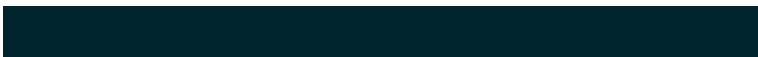
8363227



6515822



36269



9518



# Inverse Universe

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



14385098



16744679



14401151



7234412



11337869

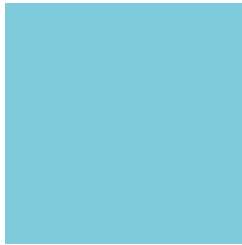


3014693



# Previews

## White Background



This preview shows how the Decimal color 8375003 looks on a white background.

## Color Contrast Check

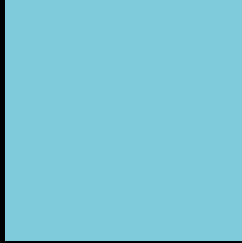
Large Text (above 18pt) WCAG AA × Fail

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 8375003 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

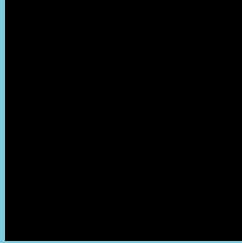
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

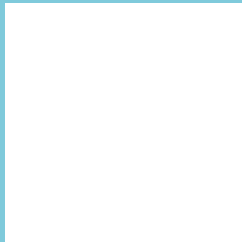
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8375003 Background



This preview shows how black text looks on a background with the Decimal color 8375003.



This preview shows how white text looks on a background with the Decimal color 8375003.

# 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](#).

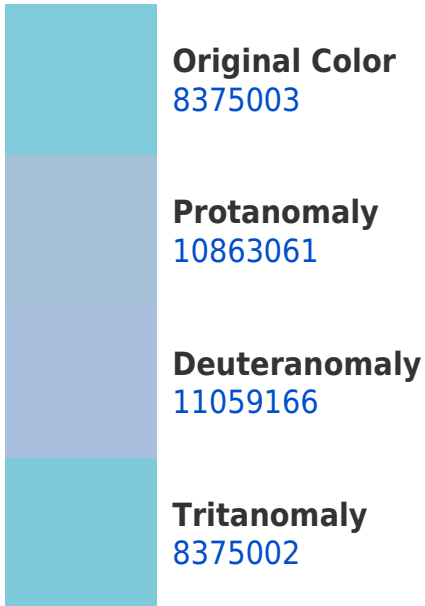
## Dichromacy





**Tritanopia**  
8375002

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8375003 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 #7FCADB looks like.

```
.text, #text, p{  
    color:#7FCADB  
}
```

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 #7FCADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FCADB  
}
```

## Border

The CSS property to change the border of an element to Decimal 8375003 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  
#7FCADB }
```

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

```
.border{ border-color:#7FCADB }
```

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

Here you see how a box with a 4 pixel #7FCADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FCADB; -webkit-box-shadow:4px 4px  
4px 4px #7FCADB; box-shadow:4px 4px 4px  
4px #7FCADB }
```

# Background

The CSS property to change the background color of an element to Decimal 8375003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FCADB }
```

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

```
.background{ background-color:#7FCADB }
```

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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