

# Converting Colors

Decimal(8379587)

Have a look what the booklet for  
Decimal(8379587) contains.

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**Color**

**Decimal(8379587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FDCC3
RGB	127, 220, 195
RGB Percent	50%, 86%, 76%
CMY	0.5020, 0.1373, 0.2353
CMYK	0.42, 0.00, 0.11, 0.14
HSL	164°, 57%, 68%
HSV	164°, 42%, 86%
XYZ	44.1959, 59.6386, 60.8118
YIQ	189.3430, -47.4030, -27.4910

# Conversions

## Conversions Part 2

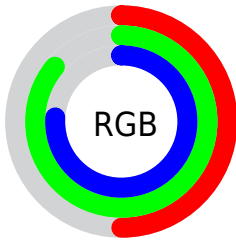
Format	Color
<a href="#">RYB</a>	<a href="#">127, 181, 220</a>
Decimal	<a href="#">8379587</a>
CIELab	<a href="#">81.64, -33.50, 3.64</a>
CIELCh	<a href="#">82, 33.702, 173.796</a>
Yxy	<a href="#">59.6386, 0.2684, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4286569667</a> ( <a href="#">0xFF7FDCC3</a> )
YUV	<a href="#">189.3430, 2.7889, -54.6748</a>
Hunter-Lab	<a href="#">77.2260, -32.9912, 7.3702</a>

# Details

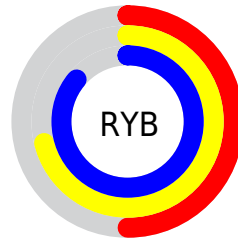
The Decimal color **8379587** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14450584**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **12124156**, and **4695181** is the 20% darker color. If you saturate the color by 10%, you get **6937789**, and if you desaturate by 10%, it is **9821385**.

# Distribution



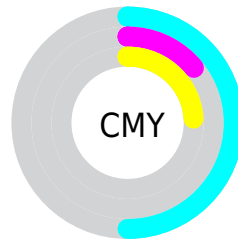
- Red (50%)
- Green (86%)
- Blue (76%)



- Red (50%)
- Yellow (71%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8379587 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 8379587 by changing the saturation by 10% instead.



8379587

8379587

16777215

6537384

12124156

4695181

14024703

2656884

15925247

28763

22340

16174

10521

2816

0

■ 8379587

■ 8379587

■ 6937789

■ 9821385

■ 5495991

■ 11263183

■ 4054193

■ 12704981

■ 2612395

■ 14146779

■ 1170597

■ 15588577

■ 56481

■ 16768230

■ 16768236

■ 16768242

■ 16768248

# Harmonies

## Analogous

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



10737829



8379587



6806755

# Triad

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



8379587



13026815



16759961

# Complementary

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



8379587



14450584

# 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.



16758195



8379587



15579889

# Square

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



8379587



10014975



16757971



15189900

# Rectangle

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



8379587



6937334



16757971



16759201

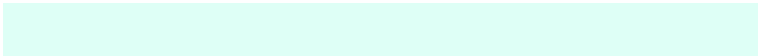


# Sweetspot

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



8379587



14614518



10083455



7045242



0



8421504



# Same Dimension

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



8379587



8257500



8374492



6516331



44415



11810



# Inverse Universe

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



14450584



16743840



14455679



7234406



11337775

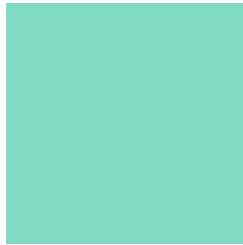


3014668



# Previews

## White Background



This preview shows how the Decimal color 8379587 looks on a white background.

## Color Contrast Check

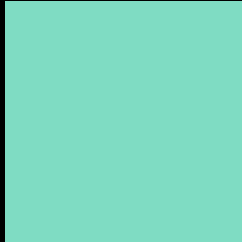
Large Text (above 18pt) WCAG AA × Fail

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 8379587 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

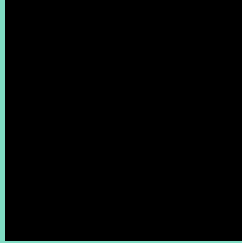
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8379587 Background



This preview shows how black text looks on a background with the Decimal color 8379587.



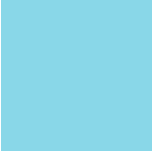
This preview shows how white text looks on a background with the Decimal color 8379587.

# 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**  
9033704

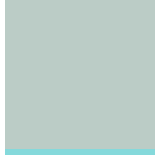
# Trichromacy



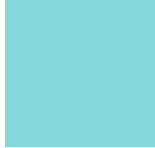
**Original Color**  
8379587



**Protanomaly**  
11784381



**Deuteranomaly**  
12307654



**Tritanomaly**  
8772059

# Monochromacy



**Original Color**  
8379587



**Achromatopsia**  
12434877



**Achromatomaly**  
10930367

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8379587 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 #7FDCC3 looks like.

```
.text, #text, p{  
    color:#7FDCC3  
}
```

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 #7FDCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDCC3
}
```

## Border

The CSS property to change the border of an element to Decimal 8379587 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
#7FDCC3 }
```

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

```
.border{ border-color:#7FDCC3 }
```

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

Here you see how a box with a 4 pixel #7FDCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDCC3; -webkit-box-shadow:4px 4px  
4px 4px #7FDCC3; box-shadow:4px 4px 4px  
4px #7FDCC3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8379587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDCC3 }
```

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

```
.background{ background-color:#7FDCC3 }
```

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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