

# Converting Colors

Decimal(8370335)

Have a look what the booklet for  
Decimal(8370335) contains.

<b>Decimal(8370335)</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(8370335)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB89F
RGB	127, 184, 159
RGB Percent	50%, 72%, 62%
CMY	0.5020, 0.2784, 0.3765
CMYK	0.31, 0.00, 0.14, 0.28
HSL	154°, 29%, 61%
HSV	154°, 31%, 72%
XYZ	32.1509, 41.2962, 39.0773
YIQ	164.1070, -25.9470, -19.8590

# Conversions

## Conversions Part 2

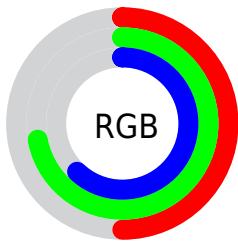
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 164, 184
Decimal	8370335
CIELab	70.38, -23.96, 6.81
CIElCh	70, 24.907, 164.141
Yxy	41.2962, 0.2857, 0.3670
Android (android.graphics.Color)	4286560415 (0xFF7FB89F)
YUV	164.1070, -2.5178, -32.5428
Hunter-Lab	64.2621, -23.1536, 8.9297

# Details

The Decimal color **8370335** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12091288**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **11923670**, and **4948844** is the 20% darker color. If you saturate the color by 10%, you get **7190679**, and if you desaturate by 10%, it is **9549991**.

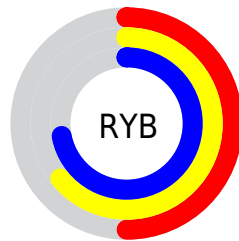
# Distribution



Red (50%)

Green (72%)

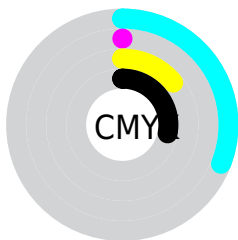
Blue (62%)



Red (50%)

Yellow (64%)

Blue (72%)

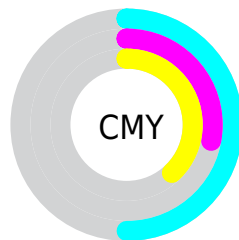


Cyan (31%)

Magenta (0%)

Yellow (14%)

Black (28%)



Cyan (50%)

Magenta (28%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8370335 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 8370335 by changing the saturation by 10% instead.





8370335



8370335

16777215



6659461



11923670



4948844



13762546



3303763



15663103



1593660



14631



9234



768



0



8370335



8370335

7190679

9549991

5945487

10795183

4765831

11974839

3520639

13220031

2340983

14399687

1161327

15579343

47207

16758999

16759008

16759016

# Harmonies

## Analogous

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



10007691



8370335



7190966

# Triad

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



8370335



10464216



14065806

# Complementary

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



8370335



12091288

# 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.



14326946



8370335



12428237

# Square

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



8370335



8499927



13802937



13150081

# Rectangle

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



8370335



6994117



13802937



14261908

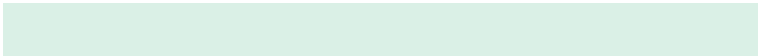


# Sweetspot

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



8370335



14348518



10074239



7043186



16250871



7895160



# Same Dimension

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



8370335



9957577



8369592



5463128



40023



7184



# Inverse Universe

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



12091288



15767486



12092031



6050647



10223684



1835020



# Previews

## White Background



This preview shows how the Decimal color 8370335 looks on a white background.

## Color Contrast Check

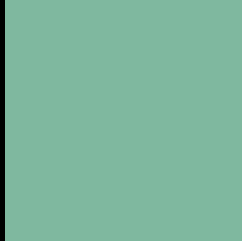
Large Text (above 18pt) WCAG AA × Fail

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 8370335 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

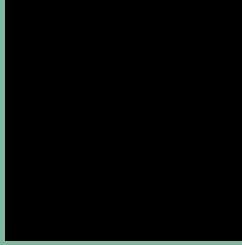
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8370335 Background



This preview shows how black text looks on a background with the Decimal color 8370335.



This preview shows how white text looks on a background with the Decimal color 8370335.

# 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](#).

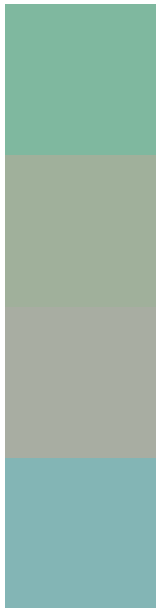
## Dichromacy





**Tritanopia**  
8827841

# Trichromacy



**Original Color**  
8370335

**Protanomaly**  
10530971

**Deuteranomaly**  
11054498

**Tritanomaly**  
8631733

# Monochromacy



**Original Color**  
8370335

**Achromatopsia**  
10790052

**Achromatomaly**  
9939874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8370335 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 #7FB89F looks like.

```
.text, #text, p{  
    color:#7FB89F  
}
```

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 #7FB89F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB89F
}
```

## Border

The CSS property to change the border of an element to Decimal 8370335 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
#7FB89F }
```

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

```
.border{ border-color:#7FB89F }
```

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

Here you see how a box with a 4 pixel #7FB89F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB89F; -webkit-box-shadow:4px 4px  
4px 4px #7FB89F; box-shadow:4px 4px 4px  
4px #7FB89F }
```

# Background

The CSS property to change the background color of an element to Decimal 8370335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB89F }
```

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

```
.background{ background-color:#7FB89F }
```

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