

# Converting Colors

Decimal(8700057)

Have a look what the booklet for  
Decimal(8700057) contains.

<b>Decimal(8700057)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(8700057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84C099
RGB	132, 192, 153
RGB Percent	52%, 75%, 60%
CMY	0.4824, 0.2471, 0.4000
CMYK	0.31, 0.00, 0.20, 0.25
HSL	141°, 32%, 64%
HSV	141°, 31%, 75%
XYZ	34.1151, 44.9047, 37.0064
YIQ	169.6140, -23.2410, -24.8490

# Conversions

## Conversions Part 2

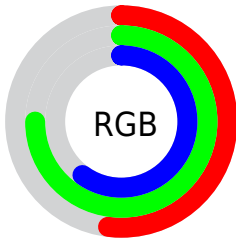
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 176, 192
Decimal	8700057
CIELab	72.83, -27.55, 13.58
CIELCh	73, 30.713, 153.758
Yxy	44.9047, 0.2940, 0.3870
Android (android.graphics.Color)	4286890137 (0xFF84C099)
YUV	169.6140, -8.1907, -32.9875
Hunter-Lab	67.0110, -26.3953, 14.1651

# Details

The Decimal color **8700057** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12616875**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **12253647**, and **5278310** is the 20% darker color. If you saturate the color by 10%, you get **7454861**, and if you desaturate by 10%, it is **9945253**.

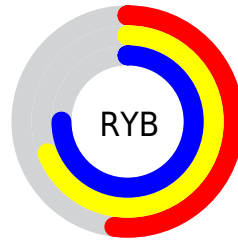
# Distribution



Red (52%)

Green (75%)

Blue (60%)



Red (52%)

Yellow (69%)

Blue (75%)

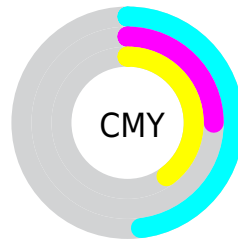


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (25%)



Cyan (48%)

Magenta (25%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8700057 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 8700057 by changing the saturation by 10% instead.





8700057



8700057

16777215



6989183



12253647



5278310



14155756



3633230



16056319



1923127



16417



10508



4608



0



8700057




8700057

 7454861

 9945253

 6209664

 11190450

 4898932


 12501182

 3653735

 13746379

 2408539

 14991575

 1163342

 16236772

 49219

 16761072

 16761085

 16761087

# Harmonies

## Analogous

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



10861187



8700057



6734517

# Triad

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



8700057



9680106



15311253

# Complementary

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



8700057



12616875

# 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.



15310512



8700057



12298977

# Square

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



8700057



7126244



14328524



14395777

# Rectangle

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



8700057



5948104



14328524



15441821

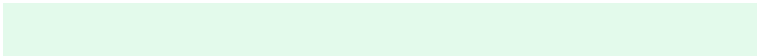


# Sweetspot

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



8700057



14940907



11255940



7306612



16579836



8224125

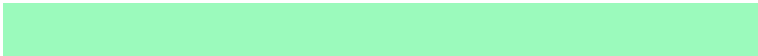


# Same Dimension

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



8700057



10222268



8700086



5726555



41272



8460



# Inverse Universe

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



12616875



16423897



12616845



6379358



10551400

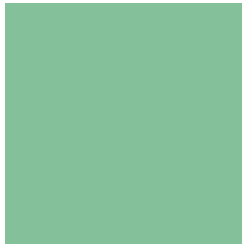


2162710



# Previews

## White Background



This preview shows how the Decimal color 8700057 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 8700057 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

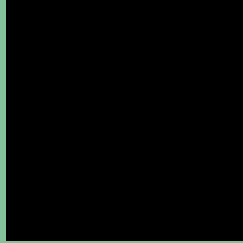
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8700057 Background



This preview shows how black text looks on a background with the Decimal color 8700057.



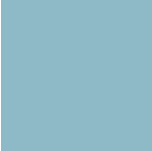
This preview shows how white text looks on a background with the Decimal color 8700057.

# 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**  
9353928

# Trichromacy



**Original Color**  
8700057



**Protanomaly**  
11057045



**Deuteranomaly**  
11645852



**Tritanomaly**  
9092279

# Monochromacy



**Original Color**  
8700057



**Achromatopsia**  
11184810



**Achromatomaly**  
10269348

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8700057 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 #84C099 looks like.

```
.text, #text, p{  
    color:#84C099  
}
```

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 #84C099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C099
}
```

## Border

The CSS property to change the border of an element to Decimal 8700057 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
#84C099 }
```

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

```
.border{ border-color:#84C099 }
```

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

Here you see how a box with a 4 pixel #84C099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C099; -webkit-box-shadow:4px 4px  
4px 4px #84C099; box-shadow:4px 4px 4px  
4px #84C099 }
```

# Background

The CSS property to change the background color of an element to Decimal 8700057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C099 }
```

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

```
.background{ background-color:#84C099 }
```

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