

# Converting Colors

Decimal(8633766)

Have a look what the booklet for  
Decimal(8633766) contains.

<b>Decimal(8633766)</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(8633766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83BDA6
RGB	131, 189, 166
RGB Percent	51%, 74%, 65%
CMY	0.4863, 0.2588, 0.3490
CMYK	0.31, 0.00, 0.12, 0.26
HSL	156°, 31%, 63%
HSV	156°, 31%, 74%
XYZ	34.4406, 43.9737, 42.7489
YIQ	169.0360, -27.1850, -19.4490

# Conversions

## Conversions Part 2

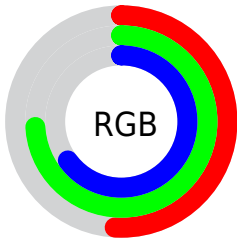
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 167, 189</a>
Decimal	<a href="#">8633766</a>
CIELab	<a href="#">72.21, -23.76, 5.64</a>
CIElCh	<a href="#">72, 24.417, 166.647</a>
Yxy	<a href="#">43.9737, 0.2842, 0.3629</a>
Android (android.graphics.Color)	<a href="#">4286823846 (0xFF83BDA6)</a>
YUV	<a href="#">169.0360, -1.4967, -33.3576</a>
Hunter-Lab	<a href="#">66.3126, -23.3401, 8.1971</a>

# Details

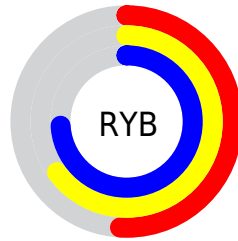
The Decimal color **8633766** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12419994**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **12187101**, and **5212018** is the 20% darker color. If you saturate the color by 10%, you get **7388575**, and if you desaturate by 10%, it is **9878957**.

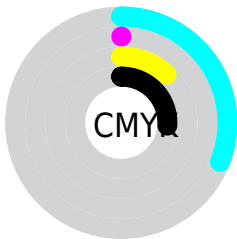
# Distribution



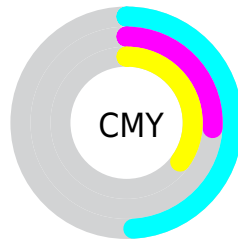
- Red (51%)
- Green (74%)
- Blue (65%)



- Red (51%)
- Yellow (65%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)



- Cyan (49%)
- Magenta (26%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8633766 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 8633766 by changing the saturation by 10% instead.





8633766



8633766

16777215



6922892



12187101



5212018



14090234



3567194



15925247



1856834



15916



10008



3840



0



8633766



8633766

7388575

9878957

6143383

11124149

4898192

12369340

3653000

13614532

2407809

14859723

1228153

16039379

48498

16760282

16760290

16760297

# Harmonies

## Analogous

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



10205586



8633766



7585469

# Triad

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



8633766



10989532



14329234

# Complementary

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



8633766



12419994

# 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.



14655909



8633766



12888016

# Square

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



8633766



9025244



14131900



13347974

# Rectangle

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



8633766



7453899



14131900



14525335



# Sweetspot

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



8633766



14677484



10141059



7174773



16448250



8026746



# Same Dimension

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



8633766



10155473



8632253



5594715



40543



7954



# Inverse Universe

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



12419994



16095934



12421507



6182233



10354751



2031628



# Previews

## White Background



This preview shows how the Decimal color 8633766 looks on a white background.

## Color Contrast Check

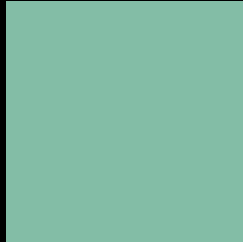
Large Text (above 18pt) WCAG AA × Fail

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 8633766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

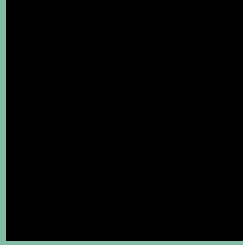
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8633766 Background



This preview shows how black text looks on a background with the Decimal color 8633766.



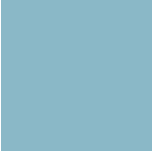
This preview shows how white text looks on a background with the Decimal color 8633766.

# 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](#).

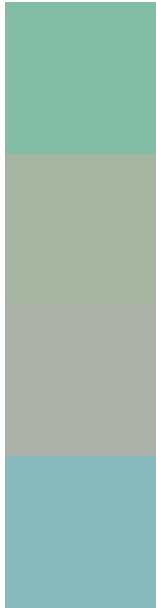
## Dichromacy





**Tritanopia**  
9091271

# Trichromacy



**Original Color**  
8633766

**Protanomaly**  
10859938

**Deuteranomaly**  
11317673

**Tritanomaly**  
8895163

# Monochromacy



**Original Color**  
8633766

**Achromatopsia**  
11119017

**Achromatomaly**  
10203304

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8633766 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 #83BDA6 looks like.

```
.text, #text, p{  
    color:#83BDA6  
}
```

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 #83BDA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83BDA6
}
```

## Border

The CSS property to change the border of an element to Decimal 8633766 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
#83BDA6 }
```

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

```
.border{ border-color:#83BDA6 }
```

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

Here you see how a box with a 4 pixel #83BDA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83BDA6; -webkit-box-shadow:4px 4px  
4px 4px #83BDA6; box-shadow:4px 4px 4px  
4px #83BDA6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8633766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83BDA6 }
```

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

```
.background{ background-color:#83BDA6 }
```

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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