

# Converting Colors

Decimal(8823676)

Have a look what the booklet for  
Decimal(8823676) contains.

<b>Decimal(8823676)</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(8823676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86A37C
RGB	134, 163, 124
RGB Percent	53%, 64%, 49%
CMY	0.4745, 0.3608, 0.5137
CMYK	0.18, 0.00, 0.24, 0.36
HSL	105°, 17%, 56%
HSV	105°, 24%, 64%
XYZ	26.5668, 32.7180, 23.9838
YIQ	149.8830, -4.7650, -18.2770

# Conversions

## Conversions Part 2

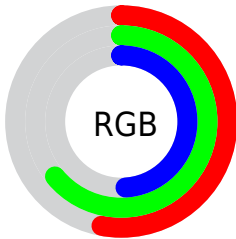
Format	Color
<a href="#">RYB</a>	<a href="#">124, 163, 153</a>
Decimal	<a href="#">8823676</a>
CIELab	<a href="#">63.93, -17.62, 17.03</a>
CIElCh	<a href="#">64, 24.501, 135.975</a>
Yxy	<a href="#">32.7180, 0.3190, 0.3929</a>
Android (android.graphics.Color)	<a href="#">4287013756 (0xFF86A37C)</a>
YUV	<a href="#">149.8830, -12.7603, -13.9294</a>
Hunter-Lab	<a href="#">57.1996, -17.1936, 15.1795</a>

# Details

The Decimal color **8823676** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10058915**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **12376753**, and **5533515** is the 20% darker color. If you saturate the color by 10%, you get **8037228**, and if you desaturate by 10%, it is **9610124**.

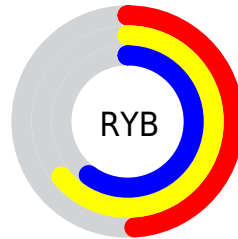
# Distribution



Red (53%)

Green (64%)

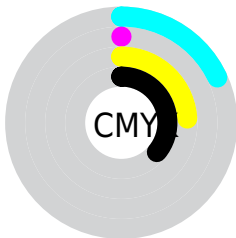
Blue (49%)



Red (49%)

Yellow (64%)

Blue (60%)

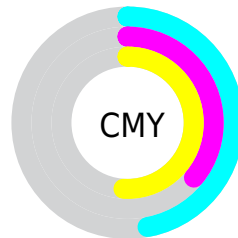


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8823676 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 8823676 by changing the saturation by 10% instead.





8823676



8823676

16777215



7113059



12376753



5533515



14219212



3954484



16056296



2440990



1059079



5632



0



8823676



8823676



8037228




9610124

 7250779

 10396573

 6464331

 11183021

 5677883

 11969469

 4825899

 12821453

 4039450

 13607902

 3253002

 14394350

 2794240

 15180798

 15967231

# Harmonies

## Analogous

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



10460529



8823676



7251600

# Triad

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



8823676



7512261



13077392

# Complementary

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



8823676



10058915

# 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.



12618918



8823676



9476549

# Square

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



8823676



6071738



11375033



12816252

# Rectangle

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



8823676



6334367



11375033



13011863



# Sweetspot

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



8823676



13227205



10721660



6646627



15461355



7039851



# Same Dimension

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



8823676



10933398



8168325



5001801



2461952



332288



# Inverse Universe

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



10058915



12883668



10714266



5261650



7078033



851986



# Previews

## White Background



This preview shows how the Decimal color 8823676 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 8823676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

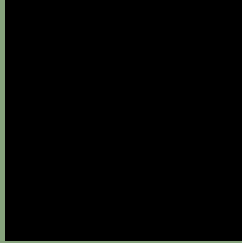
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8823676 Background



This preview shows how black text looks on a background with the Decimal color 8823676.



This preview shows how white text looks on a background with the Decimal color 8823676.

# 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**  
9280937

# Trichromacy



**Original Color**  
8823676

**Protanomaly**  
10132857

**Deuteranomaly**  
10721918

**Tritanomaly**  
9084825

# Monochromacy



**Original Color**  
8823676

**Achromatopsia**  
9868950

**Achromatomaly**  
9477005

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8823676 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 #86A37C looks like.

```
.text, #text, p{  
  color:#86A37C  
}
```

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 #86A37C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A37C
}
```

## Border

The CSS property to change the border of an element to Decimal 8823676 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
#86A37C }
```

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

```
.border{ border-color:#86A37C }
```

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

Here you see how a box with a 4 pixel #86A37C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A37C; -webkit-box-shadow:4px 4px  
4px 4px #86A37C; box-shadow:4px 4px 4px  
4px #86A37C }
```

# Background

The CSS property to change the background color of an element to Decimal 8823676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A37C }
```

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

```
.background{ background-color:#86A37C }
```

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