

# Converting Colors

Decimal(8817022)

Have a look what the booklet for  
Decimal(8817022) contains.

<b>Decimal(8817022)</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(8817022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86897E
RGB	134, 137, 126
RGB Percent	53%, 54%, 49%
CMY	0.4745, 0.4627, 0.5059
CMYK	0.02, 0.00, 0.08, 0.46
HSL	76°, 4%, 52%
HSV	76°, 8%, 54%
XYZ	22.5431, 24.4660, 23.2729
YIQ	134.8490, 1.7430, -4.0570

# Conversions

## Conversions Part 2

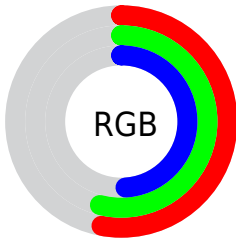
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 137, 129
Decimal	8817022
CIE Lab	56.55, -3.22, 5.51
CIE LCh	57, 6.381, 120.317
Yxy	24.4660, 0.3208, 0.3481
Android (android.graphics.Color)	4287007102 (0xFF86897E)
YUV	134.8490, -4.3626, -0.7446
Hunter-Lab	49.4631, -5.2082, 6.7276

# Details

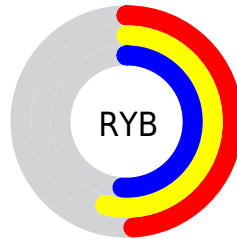
The Decimal color **8817022** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8486537**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **12304051**, and **5527373** is the 20% darker color. If you saturate the color by 10%, you get **8554864**, and if you desaturate by 10%, it is **9079180**.

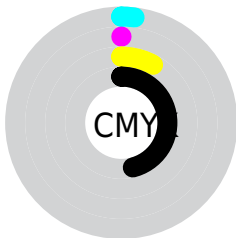
# Distribution



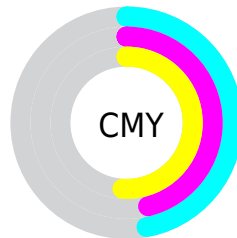
- Red (53%)
- Green (54%)
- Blue (49%)



- Red (49%)
- Yellow (54%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8817022 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 8817022 by changing the saturation by 10% instead.





8817022



8817022

16777215



7172197



12304051



5527373



14146254



4014134



15988714



2566689



1250826



0



8817022



8817022



8554864



9079180



8358243



9275801

■ 8096085

■ 9537959

■ 7833927

■ 9800117

■ 7571770

■ 10062275

■ 7375148

■ 10258896

■ 7112990

■ 10521054

■ 6850832

■ 10783212

■ 6588675

■ 11045369

# Harmonies

## Analogous

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



9209725



8817022



8424066

# Triad

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



8817022



8227473



9667720

# Complementary

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



8817022



8486537

# 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.



9405837



8817022



8554643

# Square

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



8817022



8031117



9012881



9733250

# Rectangle

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



8817022



8227718



9012881



9602186



# Sweetspot

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



8817022



11711407



9011582



5855575



14277081



5855577



# Same Dimension

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



8817022



11449249



8489342



4408638



6325504



263424



# Inverse Universe

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



8486537



10920371



8814217



4210245



2359429



65541



# Previews

## White Background



This preview shows how the Decimal color 8817022 looks on a white background.

## Color Contrast Check

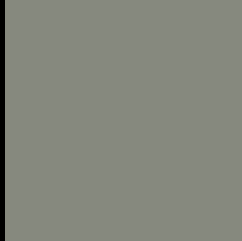
Large Text (above 18pt) WCAG AA ✓ Pass

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 8817022 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 × Fail

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



## Decimal 8817022 Background



This preview shows how black text looks on a background with the Decimal color 8817022.



This preview shows how white text looks on a background with the Decimal color 8817022.

# 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



**Original Color**


8817022

**Protanopia**

9209725

**Deuteranopia**

9995135



**Tritanopia**  
9012881

# Trichromacy



**Original Color**  
8817022

**Protanomaly**  
9078909

**Deuteranomaly**  
9536895

**Tritanomaly**  
8947594

# Monochromacy



**Original Color**  
8817022

**Achromatopsia**  
8882055

**Achromatomaly**  
8882308

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8817022 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 #86897E looks like.

```
.text, #text, p{  
    color:#86897E  
}
```

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 #86897E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86897E
}
```

## Border

The CSS property to change the border of an element to Decimal 8817022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

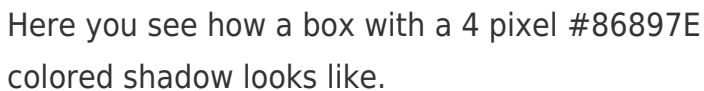
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86897E }
```

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

```
.border{ border-color:#86897E }
```

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



Here you see how a box with a 4 pixel #86897E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86897E; -webkit-box-shadow:4px 4px  
4px 4px #86897E; box-shadow:4px 4px 4px  
4px #86897E }
```

# Background

The CSS property to change the background color of an element to Decimal 8817022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86897E }
```

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

```
.background{ background-color:#86897E }
```

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