

# Converting Colors

Decimal(8878686)

Have a look what the booklet for  
Decimal(8878686) contains.

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# Color

**Decimal(8878686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877A5E
RGB	135, 122, 94
RGB Percent	53%, 48%, 37%
CMY	0.4706, 0.5216, 0.6314
CMYK	0.00, 0.10, 0.30, 0.47
HSL	41°, 18%, 45%
HSV	41°, 30%, 53%
XYZ	18.9716, 19.8781, 13.4266
YIQ	122.6950, 16.7360, -5.9520

# Conversions

## Conversions Part 2

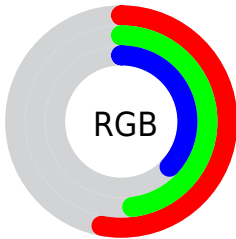
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 135, 94</a>
Decimal	<a href="#">8878686</a>
CIELab	<a href="#">51.70, 0.40, 17.17</a>
CIELCh	<a href="#">52, 17.179, 88.662</a>
Yxy	<a href="#">19.8781, 0.3629, 0.3803</a>
Android (android.graphics.Color)	<a href="#">4287068766 (0xFF877A5E)</a>
YUV	<a href="#">122.6950, -14.1466, 10.7915</a>
Hunter-Lab	<a href="#">44.5849, -2.0689, 13.3544</a>

# Details

The Decimal color **8878686** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6187911**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **12430993**, and **5589552** is the 20% darker color. If you saturate the color by 10%, you get **8877649**, and if you desaturate by 10%, it is **8879724**.

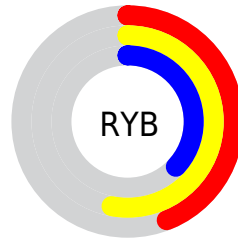
# Distribution



Red (53%)

Green (48%)

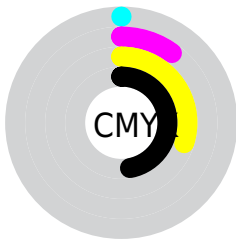
Blue (37%)



Red (44%)

Yellow (53%)

Blue (37%)

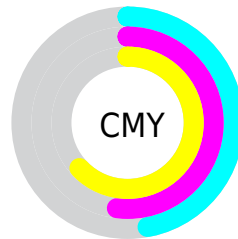


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8878686 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 8878686 by changing the saturation by 10% instead.





8878686



8878686

16777215



7168326



12430993



5589552



14273195



4010778



16115398



2563585



16777187



722432



0



8878686



8878686



8877649



8879724



8876355



8881017

■ 8875318

■ 8882055

■ 8874280

■ 8883092

■ 8873243

■ 8884130

■ 8871949

■ 8885423

■ 8870912

■ 8886461

■ 8887498

■ 8888792

# Harmonies

## Analogous

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



9663843



8878686



7831393

# Triad

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



8878686



5407625



9335691

# Complementary

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



8878686



6187911

# 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.



8222869



8878686



5800340

# Square

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



8878686



5801082



6913432



9990524

# Rectangle

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



8878686



7111015



6913432



9008527



# Sweetspot

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



8878686



11578272



8871532



5854799



14277081



5855577



# Same Dimension

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



8878686



11574385



8423262



4341820



8542464



197120



# Inverse Universe

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



6187911



7439792



6643335



3948098



10626



259



# Previews

## White Background



This preview shows how the Decimal color 8878686 looks on a white background.

## Color Contrast Check

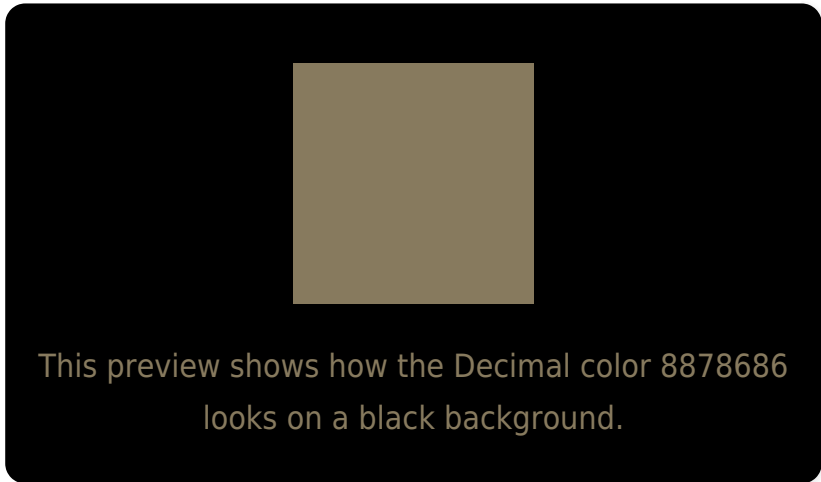
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

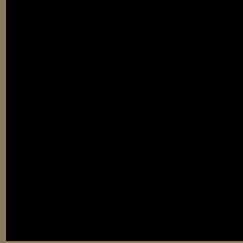
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8878686 Background



This preview shows how black text looks on a background with the Decimal color 8878686.



This preview shows how white text looks on a background with the Decimal color 8878686.

# 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**  
8878686

**Protanopia**  
8682335

**Deuteranopia**  
9533023



**Tritanopia**  
9139839

# Trichromacy



**Original Color**  
8878686

**Protanomaly**  
8747871

**Deuteranomaly**  
9271135

**Tritanomaly**  
9074547

# Monochromacy



**Original Color**  
8878686

**Achromatopsia**  
8092539

**Achromatomaly**  
8354672

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8878686 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 #877A5E looks like.

```
.text, #text, p{  
    color:#877A5E  
}
```

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 #877A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877A5E
}
```

## Border

The CSS property to change the border of an element to Decimal 8878686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

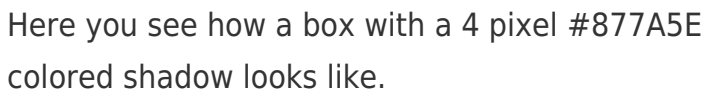
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877A5E }
```

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

```
.border{ border-color:#877A5E }
```

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



Here you see how a box with a 4 pixel #877A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877A5E; -webkit-box-shadow:4px 4px  
4px 4px #877A5E; box-shadow:4px 4px 4px  
4px #877A5E }
```

# Background

The CSS property to change the background color of an element to Decimal 8878686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877A5E }
```

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

```
.background{ background-color:#877A5E }
```

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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