

# Converting Colors

Decimal(8884317)

Have a look what the booklet for  
Decimal(8884317) contains.

<b>Decimal(8884317)</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(8884317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87905D
RGB	135, 144, 93
RGB Percent	53%, 56%, 36%
CMY	0.4706, 0.4353, 0.6353
CMYK	0.06, 0.00, 0.35, 0.44
HSL	71°, 22%, 46%
HSV	71°, 35%, 56%
XYZ	21.9407, 25.8877, 14.1964
YIQ	135.4950, 11.0070, -17.7690

# Conversions

## Conversions Part 2

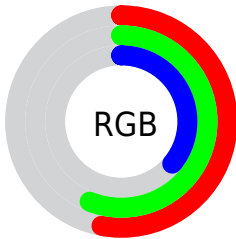
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 144, 102
Decimal	8884317
CIE <sub>Lab</sub>	57.93, -11.95, 26.05
CIE <sub>LCh</sub>	58, 28.660, 114.635
Yxy	25.8877, 0.3537, 0.4174
Android (android.graphics.Color)	4287074397 (0xFF87905D)
YUV	135.4950, -20.9500, -0.4341
Hunter-Lab	50.8800, -12.0663, 19.0731

# Details

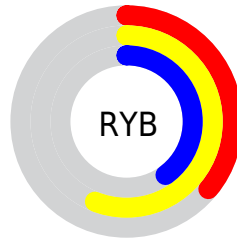
The Decimal color **8884317** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6708624**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **12437136**, and **5529134** is the 20% darker color. If you saturate the color by 10%, you get **8687695**, and if you desaturate by 10%, it is **9080939**.

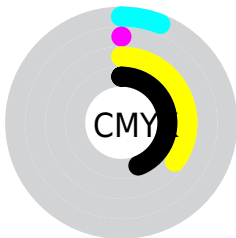
# Distribution



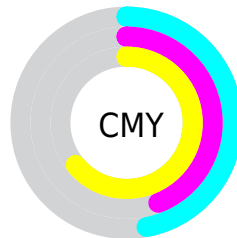
- Red (53%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8884317 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 8884317 by changing the saturation by 10% instead.



■ 8884317

■ 8884317

16777215

■ 7173701

■ 12437136

■ 5529134

■ 14279339

■ 3950104

■ 16187078

■ 2502656

■ 16777186

■ 858880

■ 0

■ 8884317

■ 8884317

■ 8687695

■ 9080939

■ 8556608

■ 9212026

■ 8359986

■ 9408648

■ 8228899

■ 9539735

■ 8032277

■ 9736357

■ 7901191

■ 9867443

■ 7835648

■ 10064066

■ 10195152

■ 10391775

# Harmonies

## Analogous

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



10586201



8884317



6985325

# Triad

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



8884317



4101555



12155281

# Complementary

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



8884317



6708624

# 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.



10976937



8884317



6459325

# Square

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



8884317



3512735



8947385



12417400

# Rectangle

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



8884317



5675133



8947385



11827865



# Sweetspot

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



8884317



12040870



9463389



6053458



14606046



6184542



# Same Dimension

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



8884317



11319914



7245917



4605760



7309056



395264



# Inverse Universe

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



6708624



7891642



8347024



4341831



1572999



65544



# Previews

## White Background



This preview shows how the Decimal color 8884317 looks on a white background.

## Color Contrast Check

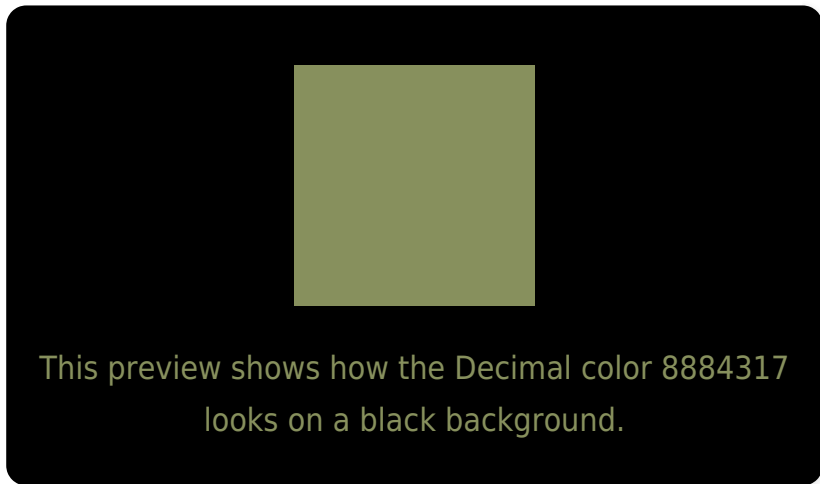
Large Text (above 18pt) WCAG AA ✓ Pass

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 8884317 Background



This preview shows how black text looks on a background with the Decimal color 8884317.




This preview shows how white text looks on a background with the Decimal color 8884317.

# 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**  
9341332

# Trichromacy



**Original Color**  
8884317

**Protanomaly**  
9538908

**Deuteranomaly**  
10193246

**Tritanomaly**  
9145472

# Monochromacy



**Original Color**  
8884317

**Achromatopsia**  
8882055

**Achromatomaly**  
8882808

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8884317 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 #87905D looks like.

```
.text, #text, p{  
    color:#87905D  
}
```

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 #87905D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87905D
}
```

## Border

The CSS property to change the border of an element to Decimal 8884317 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
#87905D }
```

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

```
.border{ border-color:#87905D }
```

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

Here you see how a box with a 4 pixel #87905D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87905D; -webkit-box-shadow:4px 4px  
4px 4px #87905D; box-shadow:4px 4px 4px  
4px #87905D }
```

# Background

The CSS property to change the background color of an element to Decimal 8884317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87905D }
```

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

```
.background{ background-color:#87905D }
```

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