

# Converting Colors

Decimal(8873567)

Have a look what the booklet for  
Decimal(8873567) contains.

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# Color

**Decimal(8873567)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87665F
RGB	135, 102, 95
RGB Percent	53%, 40%, 37%
CMY	0.4706, 0.6000, 0.6275
CMYK	0.00, 0.24, 0.30, 0.47
HSL	11°, 17%, 45%
HSV	11°, 30%, 53%
XYZ	16.8086, 15.4799, 12.9285
YIQ	111.0690, 21.9150, 4.8190

# Conversions

## Conversions Part 2

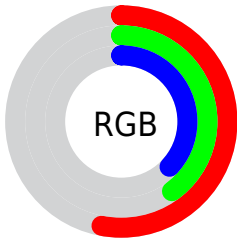
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 103, 95
Decimal	8873567
CIE <sub>Lab</sub>	46.28, 12.18, 9.09
CIE <sub>LCh</sub>	46, 15.199, 36.713
Yxy	15.4799, 0.3717, 0.3423
Android (android.graphics.Color)	4287063647 (0xFF87665F)
YUV	111.0690, -7.9220, 20.9875
Hunter-Lab	39.3445, 7.4054, 8.0586

# Details

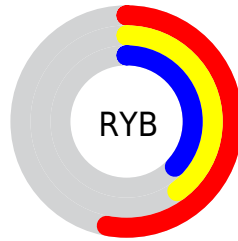
The Decimal color **8873567** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6258823**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **12425617**, and **5519153** is the 20% darker color. If you saturate the color by 10%, you get **8870738**, and if you desaturate by 10%, it is **8876397**.

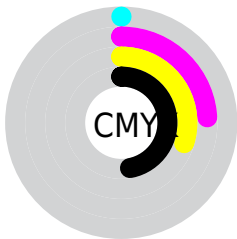
# Distribution



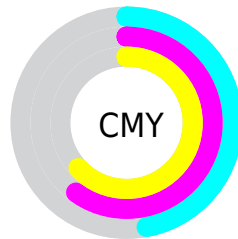
- Red (53%)
- Green (40%)
- Blue (37%)



- Red (53%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8873567 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 8873567 by changing the saturation by 10% instead.



8873567

8873567

16777215

7163463

12425617

5519153

14267564

3940636

16175047

2558977

16772323

0

8873567

8873567

8870738

8876397

8867908

8879226

8865079

8882056

■ 8861993

■ 8885141

■ 8859164

■ 8887971

■ 8856334

■ 8890800

■ 8853505

■ 8893630

■ 8853504

■ 8896459

■ 8899289

# Harmonies

## Analogous

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



8873323



8873567



8415575

# Triad

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



8873567



5796963



6516359

# Complementary

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



8873567



6258823

# 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.



5468805



8873567



5076336

# Square

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



8873567



6713689



4945020



7563650

# Rectangle

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



8873567



7957588



4945020



6123399



# Sweetspot

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



8873567



11576224



8871808



5853519



14277081



5855577



# Same Dimension

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



8873567



11566193



8878687



4341052



8525568



196608



# Inverse Universe

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



6258823



7447984



6253703



3948866



27522



515



# Previews

## White Background



This preview shows how the Decimal color 8873567 looks on a white background.

## Color Contrast Check

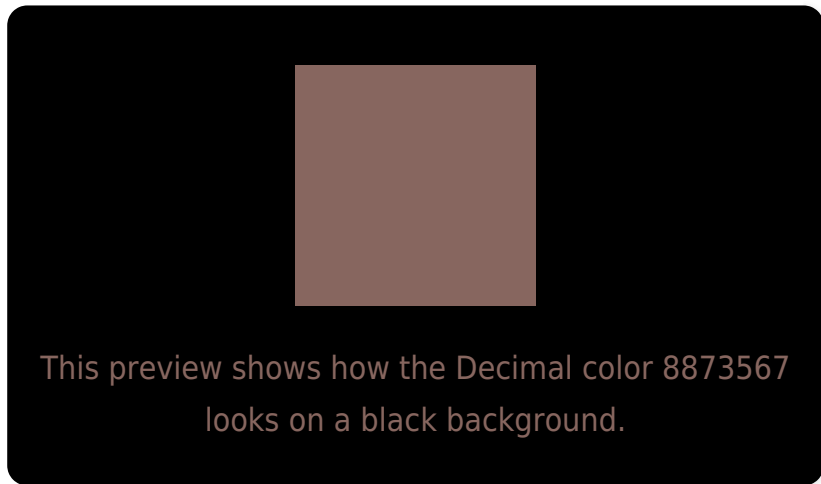
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 8873567 Background



This preview shows how black text looks on a background with the Decimal color 8873567.

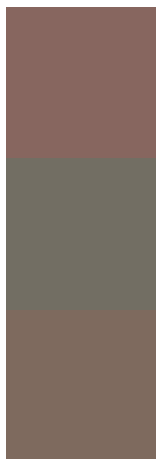


This preview shows how white text looks on a background with the Decimal color 8873567.

# 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**  
8873567

**Protanopia**  
7499363

**Deuteranopia**  
8284766



**Tritanopia**  
8938604

# Trichromacy



**Original Color**  
8873567

**Protanomaly**  
8022882

**Deuteranomaly**  
8481118

**Tritanomaly**  
8938855

# Monochromacy



**Original Color**  
8873567

**Achromatopsia**  
7303023

**Achromatomaly**  
7892073

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8873567 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 #87665F looks like.

```
.text, #text, p{  
    color:#87665F  
}
```

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 #87665F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87665F
}
```

## Border

The CSS property to change the border of an element to Decimal 8873567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

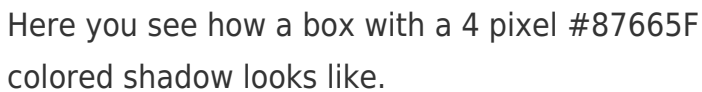
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87665F }
```

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

```
.border{ border-color:#87665F }
```

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



Here you see how a box with a 4 pixel #87665F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87665F; -webkit-box-shadow:4px 4px  
4px 4px #87665F; box-shadow:4px 4px 4px  
4px #87665F }
```

# Background

The CSS property to change the background color of an element to Decimal 8873567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87665F }
```

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

```
.background{ background-color:#87665F }
```

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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