

# Converting Colors

Decimal(8417387)

Have a look what the booklet for  
Decimal(8417387) contains.

<b>Decimal(8417387)</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(8417387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80706B
RGB	128, 112, 107
RGB Percent	50%, 44%, 42%
CMY	0.4980, 0.5608, 0.5804
CMYK	0.00, 0.12, 0.16, 0.50
HSL	14°, 9%, 46%
HSV	14°, 16%, 50%
XYZ	17.3501, 17.2391, 16.3229
YIQ	116.2140, 11.1410, 1.8370

# Conversions

## Conversions Part 2

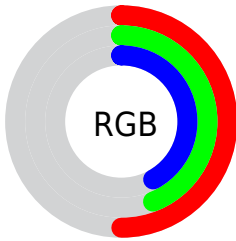
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 114, 107
Decimal	8417387
CIE Lab	48.56, 5.36, 5.06
CIE LCh	49, 7.373, 43.387
Yxy	17.2391, 0.3408, 0.3386
Android (android.graphics.Color)	4286607467 (0xFF80706B)
YUV	116.2140, -4.5425, 10.3363
Hunter-Lab	41.5200, 1.9305, 5.7550

# Details

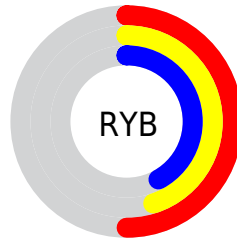
The Decimal color **8417387** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7043968**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **11904158**, and **5193788** is the 20% darker color. If you saturate the color by 10%, you get **8414814**, and if you desaturate by 10%, it is **8419960**.

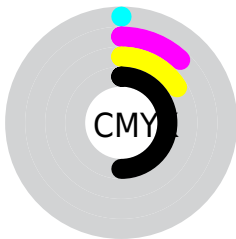
# Distribution



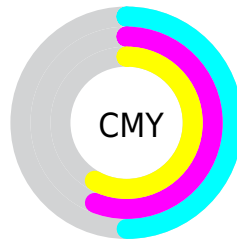
- Red (50%)
- Green (44%)
- Blue (42%)



- Red (50%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8417387 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 8417387 by changing the saturation by 10% instead.





8417387



8417387

16777215



6772819



11904158



5193788



13746105



3680806



15588309



2233873



16775153



0



8417387



8417387



8414814



8419960



8412241



8422533



8409925



8424849

■ 8407352

■ 8427422

■ 8404779

■ 8429995

■ 8402206

■ 8432568

■ 8399889

■ 8434885

■ 8397317

■ 8437457

■ 8396288

■ 8440030

# Harmonies

## Analogous

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



8482673



8417387



8155752

# Triad

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



8417387



6846320



7369599

# Complementary

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



8417387



7043968

# 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.



6911359



8417387



6584182

# Square

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



8417387



7239274



6649468



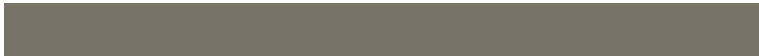
7893372

# Rectangle

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



8417387



7893863



6649468



7238784



# Sweetspot

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



8417387



10919837



8416123



5525583



13948116



5526612



# Same Dimension

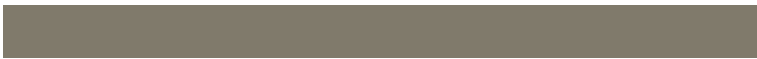
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8417387



10914949



8419947



4209465



8396288



0



# Inverse Universe

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



7043968



8756902



7041408



3751488



24960



0



# Previews

## White Background



This preview shows how the Decimal color 8417387 looks on a white background.

## Color Contrast Check

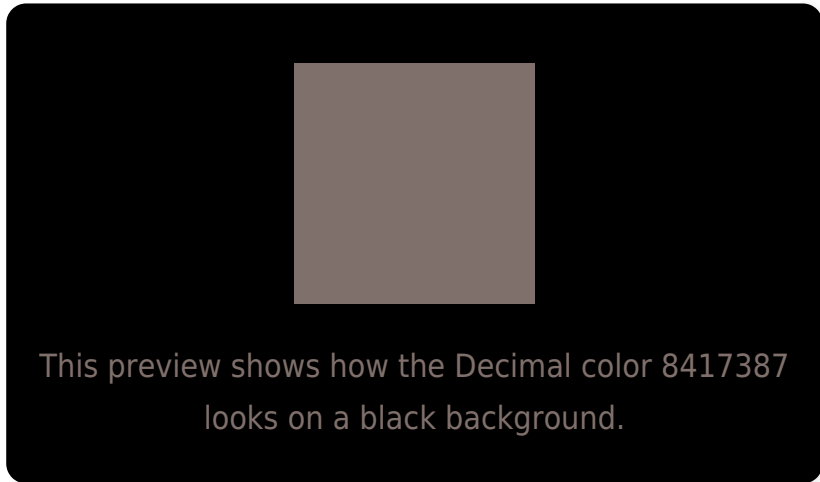
Large Text (above 18pt) WCAG AA ✓ Pass

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

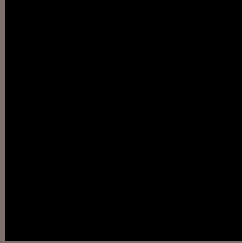
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8417387 Background



This preview shows how black text looks on a background with the Decimal color 8417387.

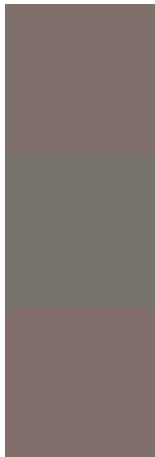


This preview shows how white text looks on a background with the Decimal color 8417387.

# 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**  
8417387

**Protanopia**  
7828333

**Deuteranopia**  
8548203



**Tritanopia**  
8547959

# Trichromacy



**Original Color**

8417387

**Protanomaly**

8024684

**Deuteranomaly**

8482667

**Tritanomaly**

8482675

# Monochromacy



**Original Color**

8417387

**Achromatopsia**

7631988

**Achromatomaly**

7893873

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8417387 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 #80706B looks like.

```
.text, #text, p{  
    color:#80706B  
}
```

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 #80706B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80706B
}
```

## Border

The CSS property to change the border of an element to Decimal 8417387 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".

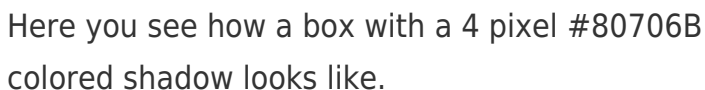
```
.border, #border, table{ border:4px solid
#80706B }
```

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

```
.border{ border-color:#80706B }
```

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

Here you see how a box with a 4 pixel #80706B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80706B; -webkit-box-shadow:4px 4px  
4px 4px #80706B; box-shadow:4px 4px 4px  
4px #80706B }
```

# Background

The CSS property to change the background color of an element to Decimal 8417387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80706B }
```

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

```
.background{ background-color:#80706B }
```

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