

# Converting Colors

Decimal(8681332)

Have a look what the booklet for  
Decimal(8681332) contains.

<b>Decimal(8681332)</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(8681332)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847774
RGB	132, 119, 116
RGB Percent	52%, 47%, 45%
CMY	0.4824, 0.5333, 0.5451
CMYK	0.00, 0.10, 0.12, 0.48
HSL	11°, 6%, 49%
HSV	11°, 12%, 52%
XYZ	19.2649, 19.3601, 19.2445
YIQ	122.5450, 8.7110, 1.8230

# Conversions

## Conversions Part 2

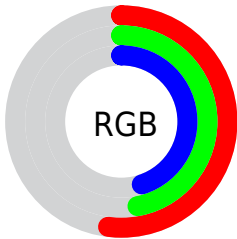
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 120, 116
Decimal	8681332
CIE Lab	51.11, 4.46, 3.46
CIE LCh	51, 5.642, 37.829
Yxy	19.3601, 0.3329, 0.3345
Android (android.graphics.Color)	4286871412 (0xFF847774)
YUV	122.5450, -3.2267, 8.2920
Hunter-Lab	44.0002, 1.1538, 4.8682

# Details

The Decimal color **8681332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7635332**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **12168104**, and **5392196** is the 20% darker color. If you saturate the color by 10%, you get **8678503**, and if you desaturate by 10%, it is **8684161**.

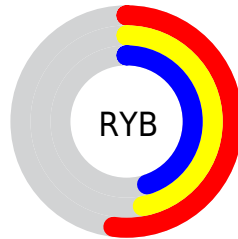
# Distribution



Red (52%)

Green (47%)

Blue (45%)



Red (52%)

Yellow (47%)

Blue (45%)

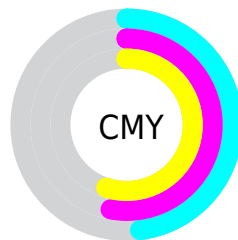


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8681332 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 8681332 by changing the saturation by 10% instead.





8681332



8681332

16777215



7036507



12168104



5392196



14010051



3878958



15852255



2431769

16777212



1114112



0



8681332



8681332



8678503



8684161



8675930



8686734

8673100

8689564

8670271

8692393

8667442

8695222

8664869

8697795

8662040

8700624

8659210

8703454

8657152

8706283

# Harmonies

## Analogous

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



8681337



8681332



8484977

# Triad

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



8681332



7502966



7764611

# Complementary

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



8681332



7635332

# 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.



7437186



8681332



7306619

# Square

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



8681332



7830386



7240831



8157313

# Rectangle

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



8681332



8288624



7240831



7633539



# Sweetspot

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



8681332



11249060



8680577



5722962



14079702



5723991



# Same Dimension

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



8681332



11245201



8683380



4341052



8525824



196608



# Inverse Universe

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



7635332



9545387



7633284



3948866



27266



515



# Previews

## White Background



This preview shows how the Decimal color 8681332 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 8681332 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

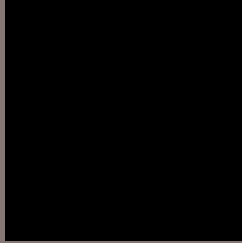
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8681332 Background



This preview shows how black text looks on a background with the Decimal color 8681332.



This preview shows how white text looks on a background with the Decimal color 8681332.

# 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**

8681332

**Protanopia**

8223093

**Deuteranopia**

8943220



**Tritanopia**  
8746367

# Trichromacy



**Original Color**

8681332

**Protanomaly**

8419445

**Deuteranomaly**

8877684

**Tritanomaly**

8746619

# Monochromacy



**Original Color**

8681332

**Achromatopsia**

8092539

**Achromatomaly**

8288888

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8681332 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 #847774 looks like.

```
.text, #text, p{  
  color:#847774  
}
```

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 #847774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847774  
}
```

## Border

The CSS property to change the border of an element to Decimal 8681332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

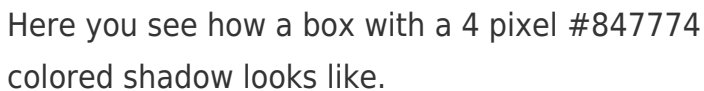
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#847774 }
```

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

```
.border{ border-color:#847774 }
```

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



Here you see how a box with a 4 pixel #847774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847774; -webkit-box-shadow:4px 4px  
4px 4px #847774; box-shadow:4px 4px 4px  
4px #847774 }
```

# Background

The CSS property to change the background color of an element to Decimal 8681332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847774 }
```

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

```
.background{ background-color:#847774 }
```

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