

Converting Colors

Decimal(8666158)

Have a look what the booklet for
Decimal(8666158) contains.

Decimal(8666158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8666158)

Conversions

Conversions Part 1

Format	Color
Hex	843C2E
RGB	132, 60, 46
RGB Percent	52%, 24%, 18%
CMY	0.4824, 0.7647, 0.8196
CMYK	0.00, 0.55, 0.65, 0.48
HSL	10°, 48%, 35%
HSV	10°, 65%, 52%
XYZ	11.6247, 8.3345, 3.5808
YIQ	79.9320, 47.4060, 10.9100

Conversions

Conversions Part 2

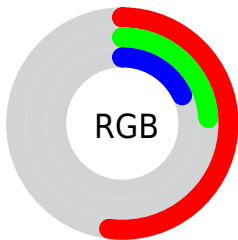
Format	Color
R_{YB}	132, 63, 46
Decimal	8666158
CIE Lab	34.67, 29.78, 23.28
CIE LCh	35, 37.806, 38.017
Yxy	8.3345, 0.4938, 0.3541
Android (android.graphics.Color)	4286856238 (0xFF843C2E)
YUV	79.9320, -16.7285, 45.6636
Hunter-Lab	28.8695, 21.3538, 12.8547

Details

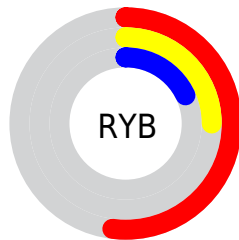
The Decimal color **8666158** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3044996**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **12414300**, and **5114624** is the 20% darker color. If you saturate the color by 10%, you get **8663329**, and if you desaturate by 10%, it is **8668987**.

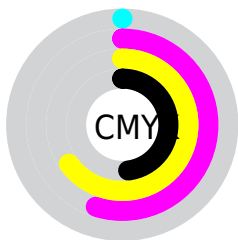
Distribution



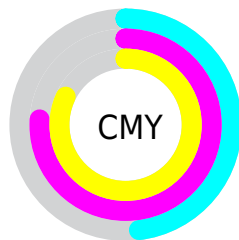
- Red (52%)
- Green (24%)
- Blue (18%)



- Red (52%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (55%)
- Yellow (65%)
- Black (48%)



- Cyan (48%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8666158 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 8666158 by changing the saturation by 10% instead.

 8666158

 8666158

16777215

 6824985

 12414300

 5114624

 14321525

 3342336

 16294543

 1048576

 16760233

 0

 16767428

 16774880

16777213

 8666158

 8666158

■ 8663329

■ 8668987

■ 8660500

■ 8671816

■ 8657670

■ 8674646

■ 8656128

■ 8677475

■ 8680304

■ 8683133

■ 8685962

■ 8688792

■ 8691621

Harmonies

Analogous

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



8926539



8666158



7555096

Triad

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



8666158



24122



2249357

Complementary

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



8666158



3044996

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.



23433



8666158



24665

Square

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



8666158



3824159



24438



6112897

Rectangle

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



8666158



6508304



24438



22158

Sweetspot

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



8666158



11243145



8662647



5719362



14079702



5723991

Same Dimension

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



8666158



11221798



8676910



4341052



8525056



196608

Inverse Universe

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



3044996



2528683



3034244



3948866



28034



515

Previews

White Background



This preview shows how the Decimal color 8666158 looks on a white background.

Color Contrast Check

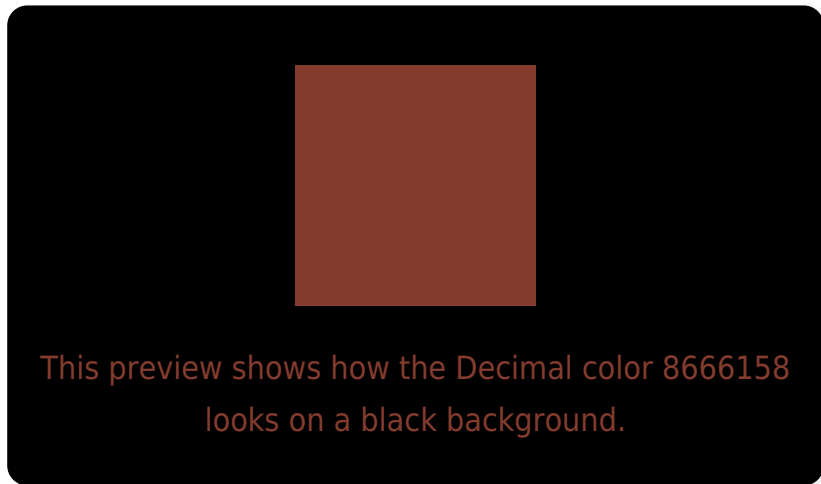
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

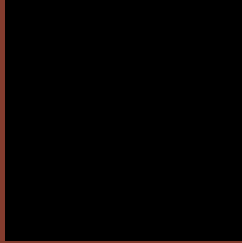
Any Text WCAG AA × Fail

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 8666158 Background



This preview shows how black text looks on a background with the Decimal color 8666158.

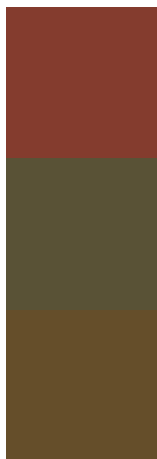


This preview shows how white text looks on a background with the Decimal color 8666158.

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
8666158

Protanopia
5853750

Deuteranopia
6639146



Tritanopia
8731198

Trichromacy



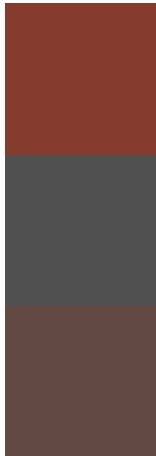
Original Color
8666158

Protanomaly
6900275

Deuteranomaly
7358251

Tritanomaly
8731448

Monochromacy



Original Color
8666158

Achromatopsia
5263440

Achromatomaly
6506820

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8666158 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 #843C2E looks like.

```
.text, #text, p{  
  color:#843C2E  
}
```

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 #843C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843C2E
}
```

Border

The CSS property to change the border of an element to Decimal 8666158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

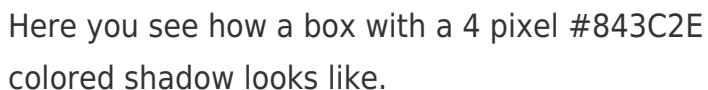
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843C2E }
```

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

```
.border{ border-color:#843C2E }
```

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



Here you see how a box with a 4 pixel #843C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843C2E; -webkit-box-shadow:4px 4px  
4px 4px #843C2E; box-shadow:4px 4px 4px  
4px #843C2E }
```

Background

The CSS property to change the background color of an element to Decimal 8666158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843C2E }
```

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

```
.background{ background-color:#843C2E }
```

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