

# Converting Colors

Decimal(8615198)

Have a look what the booklet for  
Decimal(8615198) contains.

<b>Decimal(8615198)</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(8615198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83751E
RGB	131, 117, 30
RGB Percent	51%, 46%, 12%
CMY	0.4863, 0.5412, 0.8824
CMYK	0.00, 0.11, 0.77, 0.49
HSL	52°, 63%, 32%
HSV	52°, 77%, 51%
XYZ	15.9557, 17.6416, 3.7925
YIQ	111.2680, 36.2710, -24.0890

# Conversions

## Conversions Part 2

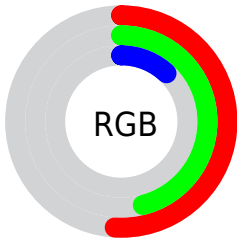
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 131, 30
Decimal	8615198
CIELab	49.06, -4.60, 46.85
CIElCh	49, 47.079, 95.610
Yxy	17.6416, 0.4267, 0.4718
Android (android.graphics.Color)	4286805278 (0xFF83751E)
YUV	111.2680, -40.0651, 17.3050
Hunter-Lab	42.0019, -5.6947, 24.0478

# Details

The Decimal color **8615198** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1977475**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **12298577**, and **5129472** is the 20% darker color. If you saturate the color by 10%, you get **8614673**, and if you desaturate by 10%, it is **8615723**.

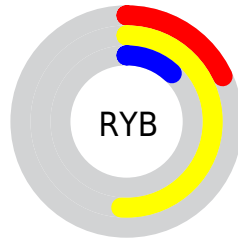
# Distribution



Red (51%)

Green (46%)

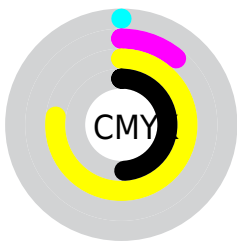
Blue (12%)



Red (18%)

Yellow (51%)

Blue (12%)

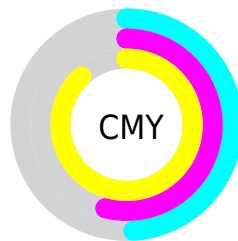


Cyan (0%)

Magenta (11%)

Yellow (77%)

Black (49%)



Cyan (49%)

Magenta (54%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8615198 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 8615198 by changing the saturation by 10% instead.



■ 8615198

■ 8615198

16777215

■ 6839552

■ 12298577

■ 5129472

■ 14206059

■ 3485440

■ 16113797

■ 1841920

■ 16776352

■ 0

■ 16777148

■ 16777176

■ 16777205

■ 8615198

■ 8615198

■ 8614673

■ 8615723

■ 8614148

■ 8616248

■ 8614144

■ 8616517

■ 8617042

■ 8617568

■ 8618093

■ 8618618

■ 8619143

■ 8619412

# Harmonies

## Analogous

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



10774058



8615198



5865263

# Triad

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



8615198



34722



11229078

# Complementary

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



8615198



1977475

# 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.



8415158



8615198



33213

# Square

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



8615198



34939



2979780



12406895

# Rectangle

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



8615198



3376197



2979780



10509474



# Sweetspot

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



8615198



11249028



8592941



5722942



14079702



5723991



# Same Dimension

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



8615198



11244812



6325022



4342076



8548352



197120



# Inverse Universe

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



1977475



795307



4267651



3947842



4738



3



# Previews

## White Background



This preview shows how the Decimal color 8615198 looks on a white background.

## Color Contrast Check

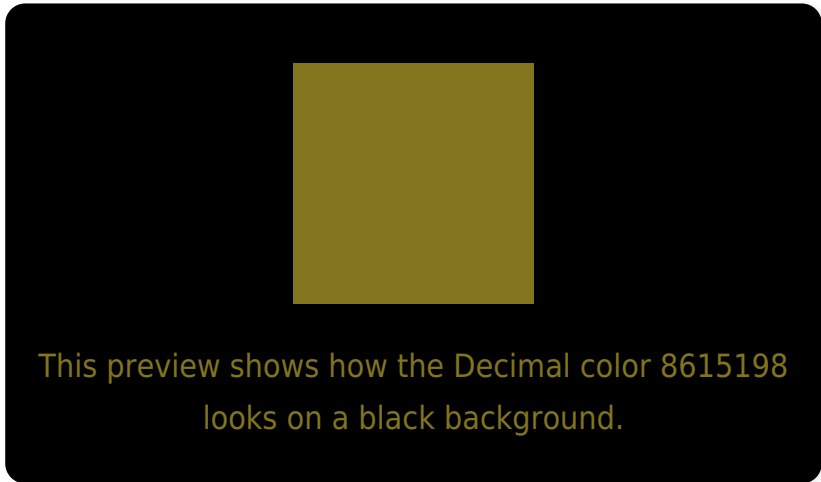
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

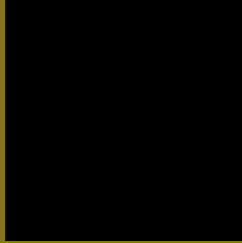
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8615198 Background



This preview shows how black text looks on a background with the Decimal color 8615198.



This preview shows how white text looks on a background with the Decimal color 8615198.

# 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**  
8615198

**Protanopia**  
8615198

**Deuteranopia**  
9596705



**Tritanopia**  
9071990

# Trichromacy



**Original Color**  
8615198

**Protanomaly**  
8615198

**Deuteranomaly**  
9269536

**Tritanomaly**  
8876118

# Monochromacy



**Original Color**  
8615198

**Achromatopsia**  
7303023

**Achromatomaly**  
7762258

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8615198 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 #83751E looks like.

```
.text, #text, p{  
  color:#83751E  
}
```

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 #83751E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83751E
}
```

## Border

The CSS property to change the border of an element to Decimal 8615198 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
#83751E }
```

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

```
.border{ border-color:#83751E }
```

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

Here you see how a box with a 4 pixel #83751E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83751E; -webkit-box-shadow:4px 4px  
4px 4px #83751E; box-shadow:4px 4px 4px  
4px #83751E }
```

# Background

The CSS property to change the background color of an element to Decimal 8615198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83751E }
```

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

```
.background{ background-color:#83751E }
```

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