

# Converting Colors

Decimal(8736305)

Have a look what the booklet for  
Decimal(8736305) contains.

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**Color**

**Decimal(8736305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	854E31
RGB	133, 78, 49
RGB Percent	52%, 31%, 19%
CMY	0.4784, 0.6941, 0.8078
CMYK	0.00, 0.41, 0.63, 0.48
HSL	21°, 46%, 36%
HSV	21°, 63%, 52%
XYZ	12.9516, 10.6571, 4.2801
YIQ	91.1390, 42.0890, 2.6410

# Conversions

## Conversions Part 2

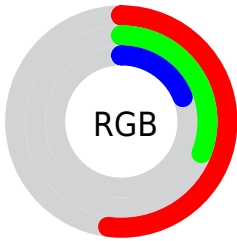
Format	Color
<b>RYB</b>	133, 93, 49
Decimal	8736305
CIELab	39.00, 20.24, 26.82
CIELCh	39, 33.599, 52.958
Yxy	10.6571, 0.4644, 0.3821
Android (android.graphics.Color)	4286926385 (0xFF854E31)
YUV	91.1390, -20.7745, 36.7121
Hunter-Lab	32.6452, 13.6890, 15.0781

# Details

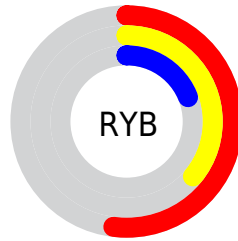
The Decimal color **8736305** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3238021**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **12419168**, and **5185539** is the 20% darker color. If you saturate the color by 10%, you get **8733988**, and if you desaturate by 10%, it is **8738622**.

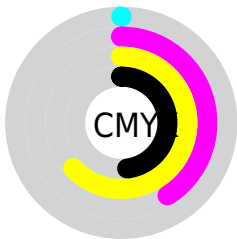
# Distribution



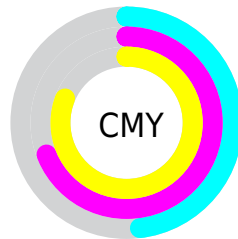
- Red (52%)
- Green (31%)
- Blue (19%)



- Red (52%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8736305 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 8736305 by changing the saturation by 10% instead.





8736305



8736305

16777215



6960923



12419168



5185539



14326393



3541760



16299411



1900545



16765102



0



16772553



16777189



8736305



8736305



8733988



8738622

■ 8731926

■ 8740684

■ 8729609

■ 8743001

■ 8728064

■ 8745318

■ 8747636

■ 8749697

■ 8752014

■ 8754331

■ 8756393

# Harmonies

## Analogous

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



9389640



8736305



7428132

# Triad

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



8736305



26964



5461902

# Complementary

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



8736305



3238021

# 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.



1008018



8736305



26992

# Square

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



8736305



3565114



26503



7818365

# Rectangle

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



8736305



6315556



26503



4414353



# Sweetspot

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



8736305



11376780



8728937



5720643



14079702



5723991



# Same Dimension

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



8736305



11360042



8746801



4341308



8531200



196864



# Inverse Universe

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



3238021



2785453



3227525



3948610



21890

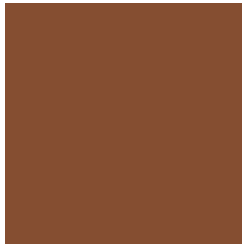


515



# Previews

## White Background



This preview shows how the Decimal color 8736305 looks on a white background.

## Color Contrast Check

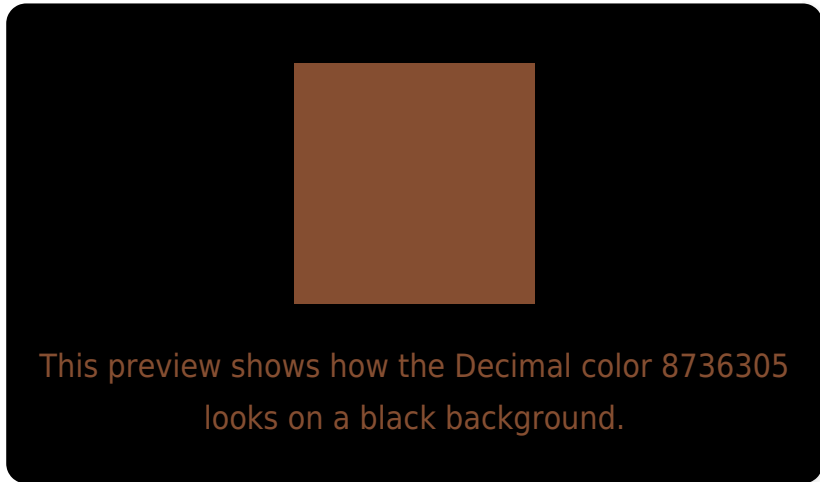
Large Text (above 18pt) WCAG AA ✓ Pass

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 8736305 Background



This preview shows how black text looks on a background with the Decimal color 8736305.



This preview shows how white text looks on a background with the Decimal color 8736305.

# 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**  
8736305

**Protanopia**  
6642742

**Deuteranopia**  
7493679



**Tritanopia**  
8866384

# Trichromacy



**Original Color**  
8736305

**Protanomaly**  
7427892

**Deuteranomaly**  
7951408

**Tritanomaly**  
8801093

# Monochromacy



**Original Color**  
8736305

**Achromatopsia**  
5987163

**Achromatomaly**  
6968908

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8736305 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 #854E31 looks like.

```
.text, #text, p{  
  color:#854E31  
}
```

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 #854E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854E31
}
```

## Border

The CSS property to change the border of an element to Decimal 8736305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

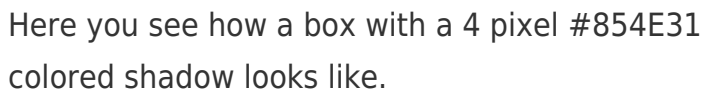
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854E31 }
```

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

```
.border{ border-color:#854E31 }
```

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



Here you see how a box with a 4 pixel #854E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854E31; -webkit-box-shadow:4px 4px  
4px 4px #854E31; box-shadow:4px 4px 4px  
4px #854E31 }
```

# Background

The CSS property to change the background color of an element to Decimal 8736305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854E31 }
```

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

```
.background{ background-color:#854E31 }
```

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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