

# Converting Colors

Decimal(6833199)

Have a look what the booklet for  
Decimal(6833199) contains.

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**Color**

**Decimal(6833199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68442F
RGB	104, 68, 47
RGB Percent	41%, 27%, 18%
CMY	0.5922, 0.7333, 0.8157
CMYK	0.00, 0.35, 0.55, 0.59
HSL	22°, 38%, 30%
HSV	22°, 55%, 41%
XYZ	8.2891, 7.2825, 3.6581
YIQ	76.3700, 28.1970, 1.1010

# Conversions

## Conversions Part 2

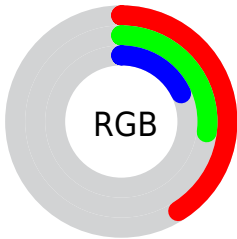
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 80, 47
Decimal	6833199
CIE <sub>Lab</sub>	32.44, 12.93, 18.99
CIE <sub>LCh</sub>	32, 22.971, 55.741
Yxy	7.2825, 0.4311, 0.3787
Android (android.graphics.Color)	4285023279 (0xFF68442F)
YUV	76.3700, -14.4794, 24.2315
Hunter-Lab	26.9862, 7.6026, 10.8533

# Details

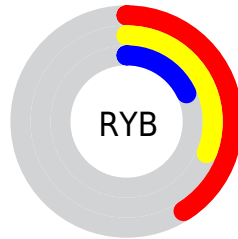
The Decimal color **6833199** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3101544**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **10318941**, and **3610624** is the 20% darker color. If you saturate the color by 10%, you get **6831397**, and if you desaturate by 10%, it is **6835001**.

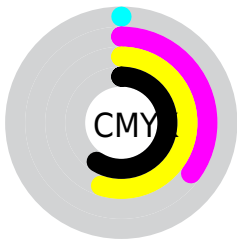
# Distribution



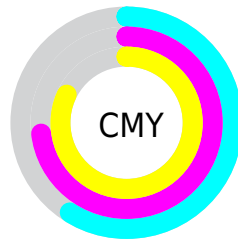
- Red (41%)
- Green (27%)
- Blue (18%)



- Red (41%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (35%)
- Yellow (55%)
- Black (59%)



- Cyan (59%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6833199 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 6833199 by changing the saturation by 10% instead.





6833199



6833199

16777215



5189146



10318941



3610624



12160630



2097152



14002320



0



15910058



16769222



16776418

16777214



6833199



6833199

■ 6831397

■ 6835001

■ 6829850

■ 6836548

■ 6828048

■ 6838350

■ 6826501

■ 6839897

■ 6825472

■ 6841699

■ 6843245

■ 6845048

■ 6846850

■ 6848397

# Harmonies

## Analogous

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



7290686



6833199



5917224

# Triad

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



6833199



1594953



4868461

# Complementary

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



6833199



3101544

# 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.



2903920



6833199



22107

# Square

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



6833199



3363895



21354



6373985

# Rectangle

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



6833199



5131817



21354



4279151



# Sweetspot

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



6833199



8878450



6827859



4537656



12895428



4539717



# Same Dimension

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



6833199



8867630



6840367



3354670



7547392



15882496



# Inverse Universe

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



3101544



3040903



3094376



3027251



18547



39410



# Previews

## White Background



This preview shows how the Decimal color 6833199 looks on a white background.

## Color Contrast Check

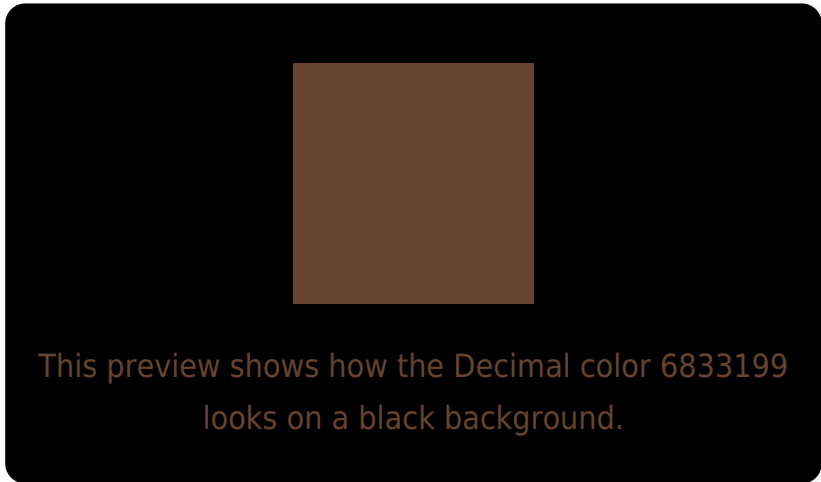
Large Text (above 18pt) WCAG AA ✓ Pass

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 6833199 Background



This preview shows how black text looks on a background with the Decimal color 6833199.

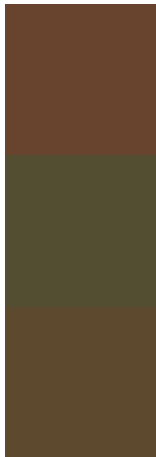


This preview shows how white text looks on a background with the Decimal color 6833199.

# 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



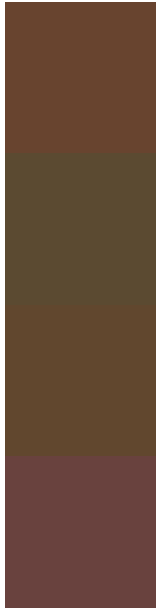
**Original Color**  
6833199

**Protanopia**  
5459250

**Deuteranopia**  
6113582



# Trichromacy



**Original Color**  
6833199

**Protanomaly**  
5982769

**Deuteranomaly**  
6375214

**Tritanomaly**  
6898238

# Monochromacy



**Original Color**  
6833199

**Achromatopsia**  
5000268

**Achromatomaly**  
5654849

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6833199 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 #68442F looks like.

```
.text, #text, p{  
    color:#68442F  
}
```

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 #68442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68442F
}
```

## Border

The CSS property to change the border of an element to Decimal 6833199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

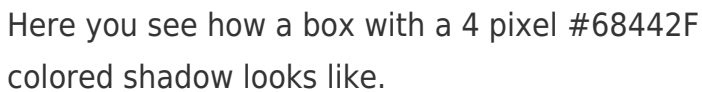
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68442F }
```

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

```
.border{ border-color:#68442F }
```

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



Here you see how a box with a 4 pixel #68442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68442F; -webkit-box-shadow:4px 4px  
4px 4px #68442F; box-shadow:4px 4px 4px  
4px #68442F }
```

# Background

The CSS property to change the background color of an element to Decimal 6833199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68442F }
```

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

```
.background{ background-color:#68442F }
```

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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