

Converting Colors

Decimal(6833469)

Have a look what the booklet for
Decimal(6833469) contains.

| | |
|--|----|
| Decimal(6833469) | 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(6833469)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 68453D |
| RGB | 104, 69, 61 |
| RGB Percent | 41%, 27%, 24% |
| CMY | 0.5922, 0.7294, 0.7608 |
| CMYK | 0.00, 0.34, 0.41, 0.59 |
| HSL | 11°, 26%, 32% |
| HSV | 11°, 41%, 41% |
| XYZ | 8.6793, 7.5362, 5.4121 |
| YIQ | 78.5530, 23.4280, 4.9320 |

Conversions

Conversions Part 2

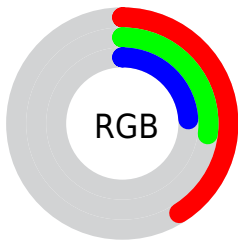
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 104, 71, 61 |
| Decimal | 6833469 |
| CIE _{Lab} | 33.00, 13.96, 10.94 |
| CIE _{LCh} | 33, 17.738, 38.092 |
| Yxy | 7.5362, 0.4013, 0.3485 |
| Android (android.graphics.Color) | 4285023549 (0xFF68453D) |
| YUV | 78.5530, -8.6536, 22.3170 |
| Hunter-Lab | 27.4522, 8.3937, 7.5278 |

Details

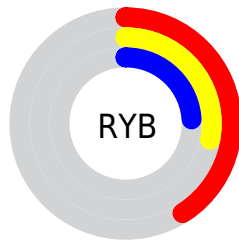
The Decimal color **6833469** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4022376**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **10253676**, and **3610899** is the 20% darker color. If you saturate the color by 10%, you get **6831411**, and if you desaturate by 10%, it is **6835527**.

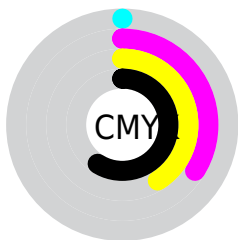
Distribution



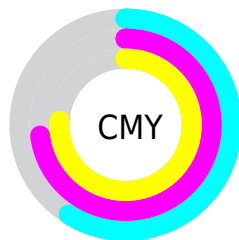
- Red (41%)
- Green (27%)
- Blue (24%)



- Red (41%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (59%)



- Cyan (59%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6833469 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 6833469 by changing the saturation by 10% instead.

■ 6833469

■ 6833469

16777215

■ 5189159

■ 10253676

■ 3610899

■ 12095366

■ 2228224

■ 13937312

■ 0

■ 15844795

■ 16769495

■ 16776947

■ 6833469

■ 6833469

■ 6831411

■ 6835527

6829096

6837842

6827038

6839900

6824723

6842215

6822665

6844273

6820608

6846587

6848646

6850960

6853019

Harmonies

Analogous

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



6898506



6833469



6310196

Triad

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



6833469



3429443



4279913

Complementary

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



6833469



4022376

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.



2904679



6833469



2446673

Square

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



6833469



4477495



2118750



5523812

Rectangle

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



6833469



5786674



2118750



3821417

Sweetspot

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



6833469



8878711



6831456



4537659



12895428



4539717

Same Dimension

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



6833469



8867908



6838845



3354414



7542016



15871232

Inverse Universe

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



4022376



4488071



4017000



3027507



23923



50674

Previews

White Background



This preview shows how the Decimal color 6833469 looks on a white background.

Color Contrast Check

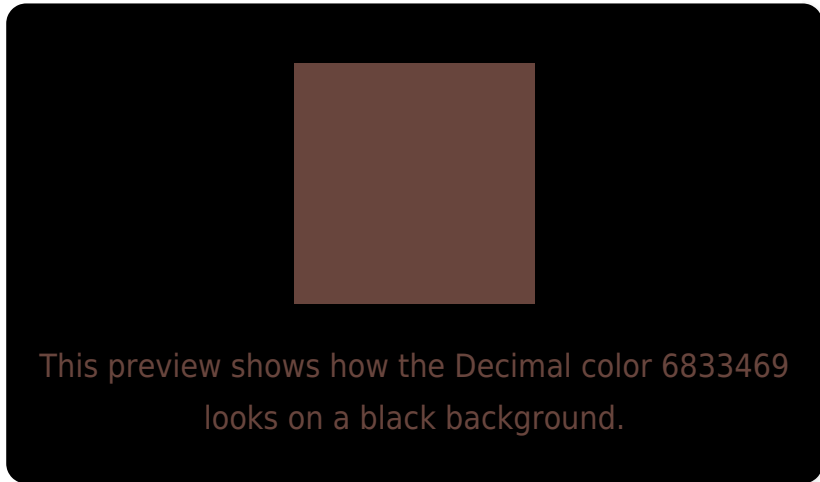
Large Text (above 18pt) WCAG AA ✓ Pass

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

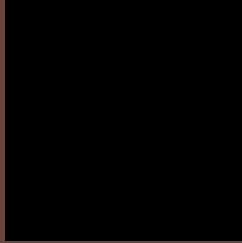
Any Text WCAG AA × Fail

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 6833469 Background



This preview shows how black text looks on a background with the Decimal color 6833469.

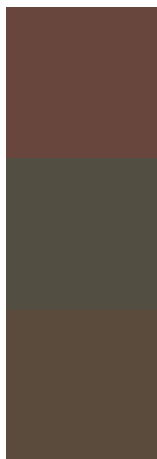


This preview shows how white text looks on a background with the Decimal color 6833469.

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
6833469

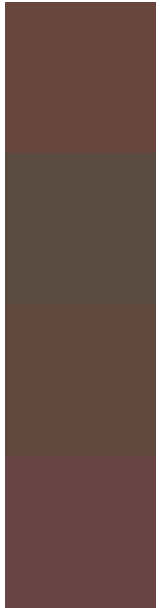
Protanopia
5393985

Deuteranopia
5983036



Tritanopia
6898504

Trichromacy



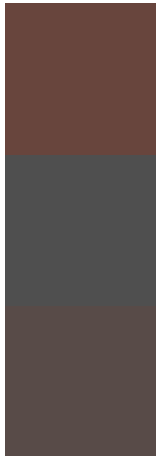
Original Color
6833469

Protanomaly
5917504

Deuteranomaly
6310204

Tritanomaly
6898756

Monochromacy



Original Color
6833469

Achromatopsia
5197647

Achromatomaly
5786440

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6833469 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 #68453D looks like.

```
.text, #text, p{  
    color:#68453D  
}
```

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 #68453D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68453D
}
```

Border

The CSS property to change the border of an element to Decimal 6833469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

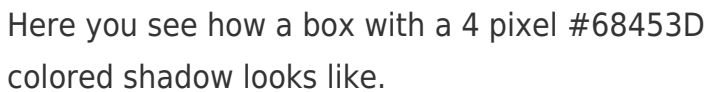
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68453D }
```

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

```
.border{ border-color:#68453D }
```

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



Here you see how a box with a 4 pixel #68453D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68453D; -webkit-box-shadow:4px 4px  
4px 4px #68453D; box-shadow:4px 4px 4px  
4px #68453D }
```

Background

The CSS property to change the background color of an element to Decimal 6833469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68453D }
```

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

```
.background{ background-color:#68453D }
```

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