

Converting Colors

Decimal(6834231)

Have a look what the booklet for
Decimal(6834231) contains.

Decimal(6834231)	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(6834231)

Conversions

Conversions Part 1

Format	Color
Hex	684837
RGB	104, 72, 55
RGB Percent	41%, 28%, 22%
CMY	0.5922, 0.7176, 0.7843
CMYK	0.00, 0.31, 0.47, 0.59
HSL	21°, 31%, 31%
HSV	21°, 47%, 41%
XYZ	8.7159, 7.8536, 4.6710
YIQ	79.6300, 24.5290, 1.4970

Conversions

Conversions Part 2

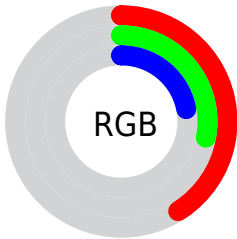
Format	Color
R_{YB}	104, 81, 55
Decimal	6834231
CIE _{Lab}	33.68, 11.35, 15.64
CIE _{LCh}	34, 19.322, 54.020
Yxy	7.8536, 0.4103, 0.3697
Android (android.graphics.Color)	4285024311 (0xFF684837)
YUV	79.6300, -12.1426, 21.3725
Hunter-Lab	28.0243, 6.4729, 9.7349

Details

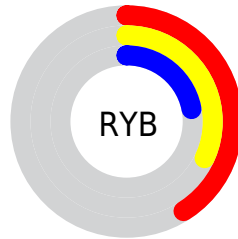
The Decimal color **6834231** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3626856**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **10320230**, and **3611660** is the 20% darker color. If you saturate the color by 10%, you get **6832429**, and if you desaturate by 10%, it is **6836033**.

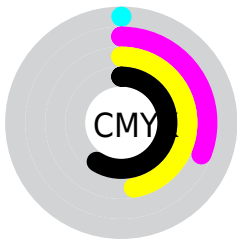
Distribution



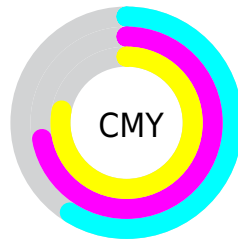
- Red (41%)
- Green (28%)
- Blue (22%)



- Red (41%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (59%)



- Cyan (59%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6834231 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 6834231 by changing the saturation by 10% instead.



6834231



6834231

16777215



5189921



10320230



3611660



12096127



2163712



13938073



0



15845556



16770255



16777196



6834231



6834231



6832429



6836033

■ 6830626

■ 6837836

■ 6829080

■ 6839382

■ 6827277

■ 6841185

■ 6825475

■ 6842987

■ 6824960

■ 6844789

■ 6846592

■ 6848138

■ 6849941

Harmonies

Analogous

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



7160899



6834231



6049073

Triad

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



6834231



2709323



5065835

Complementary

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



6834231



3626856

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.



3494509



6834231



1791835

Square

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



6834231



3888701



2119015



6309729

Rectangle

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



6834231



5394737



2119015



4542061

Sweetspot

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



6834231



8878964



6829912



4537657



12895428



4539717

Same Dimension

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



6834231



8869178



6840375



3354670



7546880



15881216

Inverse Universe

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



3626856



3828871



3620712



3027251



19315



40690

Previews

White Background



This preview shows how the Decimal color 6834231 looks on a white background.

Color Contrast Check

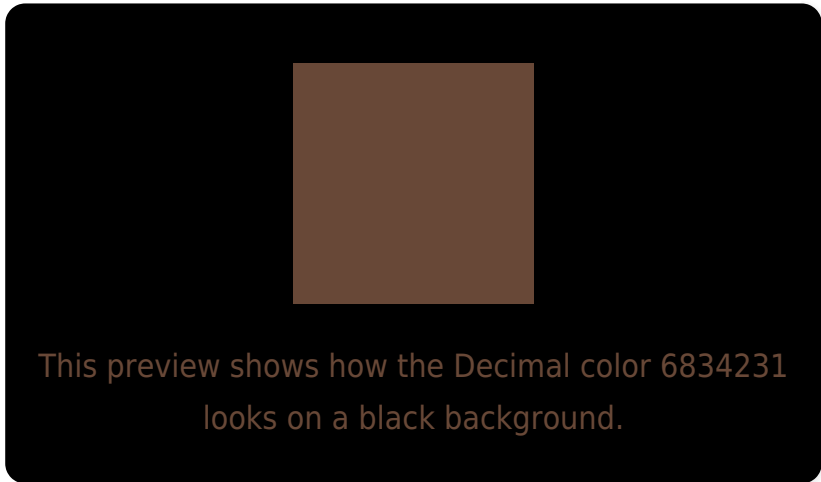
Large Text (above 18pt) WCAG AA ✓ Pass

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 6834231 Background



This preview shows how black text looks on a background with the Decimal color 6834231.

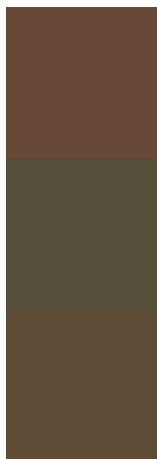


This preview shows how white text looks on a background with the Decimal color 6834231.

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
6834231

Protanopia
5590842

Deuteranopia
6245430



Tritanopia
6964555

Trichromacy



Original Color
6834231

Protanomaly
6048825

Deuteranomaly
6441782

Tritanomaly
6899268

Monochromacy



Original Color
6834231

Achromatopsia
5263440

Achromatomaly
5852487

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6834231 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 #684837 looks like.

```
.text, #text, p{  
    color:#684837  
}
```

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 #684837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684837
}
```

Border

The CSS property to change the border of an element to Decimal 6834231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

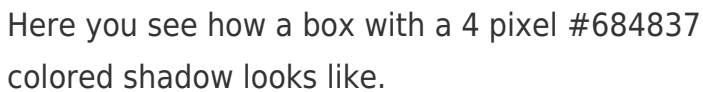
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684837 }
```

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

```
.border{ border-color:#684837 }
```

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



Here you see how a box with a 4 pixel #684837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684837; -webkit-box-shadow:4px 4px  
4px 4px #684837; box-shadow:4px 4px 4px  
4px #684837 }
```

Background

The CSS property to change the background color of an element to Decimal 6834231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684837 }
```

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

```
.background{ background-color:#684837 }
```

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