

Converting Colors

Decimal(4861229)

Have a look what the booklet for
Decimal(4861229) contains.

| | |
|--|----|
| Decimal(4861229) | 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(4861229)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4A2D2D |
| RGB | 74, 45, 45 |
| RGB Percent | 29%, 18%, 18% |
| CMY | 0.7098, 0.8235, 0.8235 |
| CMYK | 0.00, 0.39, 0.39, 0.71 |
| HSL | 0°, 24%, 23% |
| HSV | 0°, 39%, 29% |
| XYZ | 4.2361, 3.5221, 2.9392 |
| YIQ | 53.6710, 17.2840, 6.1480 |

Conversions

Conversions Part 2

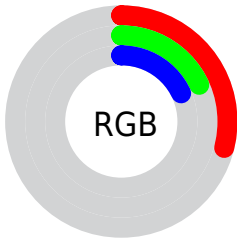
| Format | Color |
|-------------------------------------|---|
| RYB | 74, 45, 45 |
| Decimal | 4861229 |
| CIELab | 22.02, 13.38, 5.56 |
| CIElCh | 22, 14.488, 22.580 |
| Yxy | 3.5221, 0.3960, 0.3292 |
| Android (android.graphics.Color) | 4283051309 (0xFF4A2D2D) |
| YUV | 53.6710, -4.2748, 17.8285 |
| Hunter-Lab | 18.7672, 7.4479, 3.8515 |

Details

The Decimal color **4861229** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2968138**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **8149851**, and **2031616** is the 20% darker color. If you saturate the color by 10%, you get **4859430**, and if you desaturate by 10%, it is **4863028**.

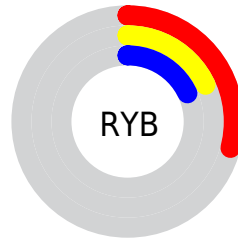
Distribution



Red (29%)

Green (18%)

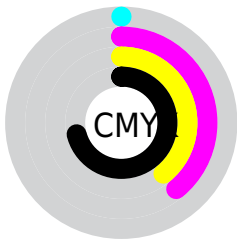
Blue (18%)



Red (29%)

Yellow (18%)

Blue (18%)

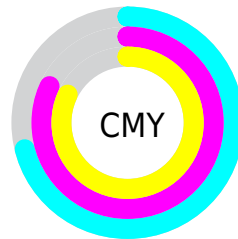


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (71%)



Cyan (71%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4861229 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 4861229 by changing the saturation by 10% instead.



4861229



4861229

16777215



3348504



8149851



2031616



9860211



0



11636109



13478055



15320002



16768990



16776443



4861229



4861229

■ 4859430

■ 4863028

■ 4857374

■ 4865084

■ 4855575

■ 4866883

■ 4853519

■ 4868939

■ 4851720

■ 4870738

■ 4849921

■ 4872537

■ 4849664

■ 4874593

■ 4876392

■ 4878448

Harmonies

Analogous

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



4730168



4861229



4599844

Triad

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



4861229



2570535



2242378

Complementary

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



4861229



2968138

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.



1259845



4861229



1784370

Square

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



4861229



3421985



1129021



3289928

Rectangle

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



4861229



4338208



1129021



1914953

Sweetspot

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



4861229



6378837



4861258



3156522



11579568



3158064

Same Dimension

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



4861229



6370099



4865069



2499106



6684672



15073280

Inverse Universe

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



2968138



3367265



2964554



2237990



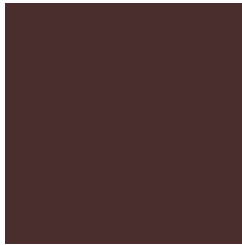
26214



59110

Previews

White Background



This preview shows how the Decimal color 4861229 looks on a white background.

Color Contrast Check

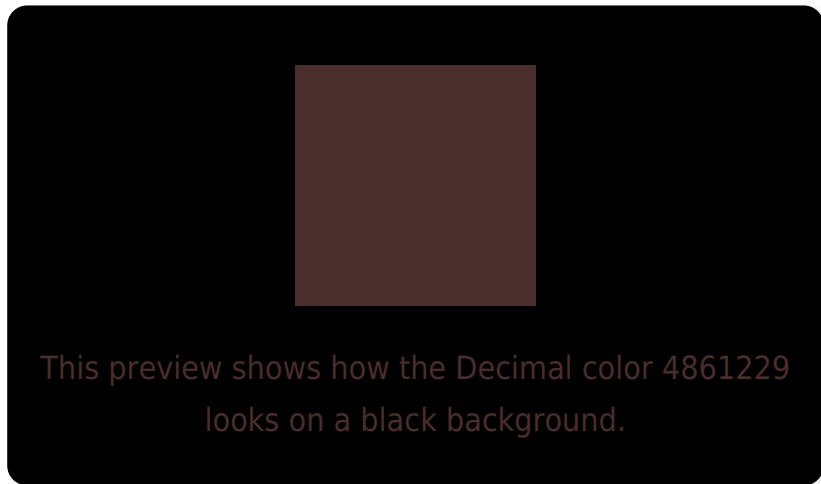
Large Text (above 18pt) WCAG AA ✓ Pass

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

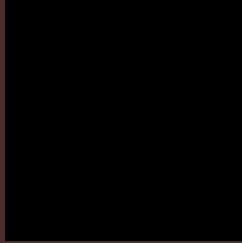
Any Text WCAG AA × Fail

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 4861229 Background



This preview shows how black text looks on a background with the Decimal color 4861229.

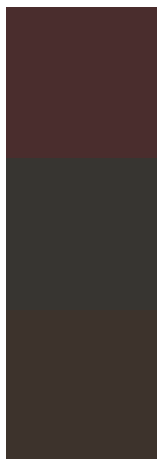


This preview shows how white text looks on a background with the Decimal color 4861229.

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
4861229

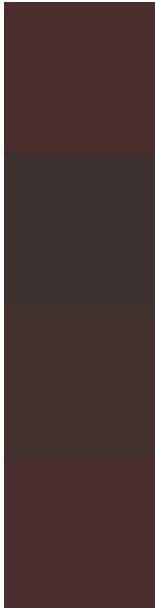
Protanopia
3618097

Deuteranopia
4010796



Tritanopia
4861232

Trichromacy



Original Color

4861229

Protanomaly

4076080

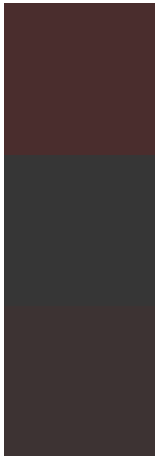
Deuteranomaly

4337964

Tritanomaly

4861231

Monochromacy



Original Color

4861229

Achromatopsia

3552822

Achromatomaly

4010803

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4861229 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 #4A2D2D looks like.

```
.text, #text, p{  
    color:#4A2D2D  
}
```

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 #4A2D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2D2D
}
```

Border

The CSS property to change the border of an element to Decimal 4861229 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".

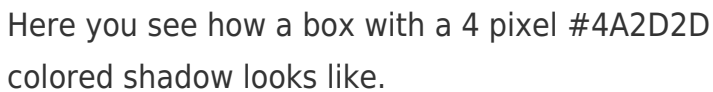
```
.border, #border, table{ border:4px solid
#4A2D2D }
```

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

```
.border{ border-color:#4A2D2D }
```

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

Here you see how a box with a 4 pixel #4A2D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2D2D; -webkit-box-shadow:4px 4px  
4px 4px #4A2D2D; box-shadow:4px 4px 4px  
4px #4A2D2D }
```

Background

The CSS property to change the background color of an element to Decimal 4861229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2D2D }
```

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

```
.background{ background-color:#4A2D2D }
```

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