

Converting Colors

Decimal(4861236)

Have a look what the booklet for
Decimal(4861236) contains.

Decimal(4861236)	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(4861236)

Conversions

Conversions Part 1

Format	Color
Hex	4A2D34
RGB	74, 45, 52
RGB Percent	29%, 18%, 20%
CMY	0.7098, 0.8235, 0.7961
CMYK	0.00, 0.39, 0.30, 0.71
HSL	346°, 24%, 23%
HSV	346°, 39%, 29%
XYZ	4.3823, 3.5806, 3.7090
YIQ	54.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

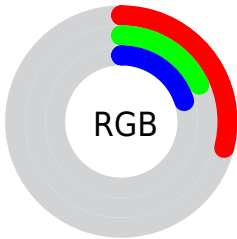
Format	Color
RYB	74, 45, 52
Decimal	4861236
CIELab	22.23, 14.49, 1.09
CIElCh	22, 14.532, 4.289
Yxy	3.5806, 0.3755, 0.3068
Android (android.graphics.Color)	4283051316 (0xFF4A2D34)
YUV	54.4690, -1.2172, 17.1287
Hunter-Lab	18.9223, 8.2250, 1.6242

Details

The Decimal color **4861236** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2968131**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **8149858**, and **2097158** is the 20% darker color. If you saturate the color by 10%, you get **4859438**, and if you desaturate by 10%, it is **4863034**.

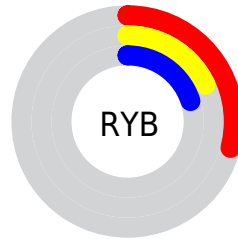
Distribution



Red (29%)

Green (18%)

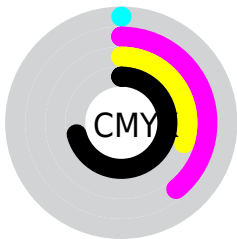
Blue (20%)



Red (29%)

Yellow (18%)

Blue (20%)

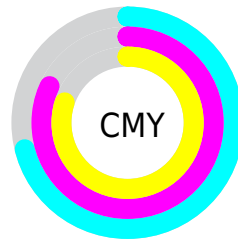


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (71%)



Cyan (71%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4861236 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 4861236 by changing the saturation by 10% instead.

■ 4861236

■ 4861236

16777215

■ 3348511

■ 8149858

■ 2097158

■ 9860219

■ 0

■ 11636373

■ 13412528

■ 15320011

■ 16768999

■ 16776447

■ 4861236

■ 4861236

■ 4859438

■ 4863034

■ 4857385

■ 4865087

■ 4855587

■ 4866885

■ 4853534

■ 4868938

■ 4851736

■ 4870736

■ 4849938

■ 4872534

■ 4849682

■ 4874587

■ 4876385

■ 4878439

Harmonies

Analogous

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



4468287



4861236



4861482

Triad

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



4861236



3094563



1653064

Complementary

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



4861236



2968131

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.



1063745



4861236



2308651

Square

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



4861236



3880224



1456950



2700875

Rectangle

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



4861236



4665380



1456950



1325638

Sweetspot

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



4861236



6378840



4402506



3156523



11579568



3158064

Same Dimension

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



4861236



6370110



4863021



2499107



6684697



15073335

Inverse Universe

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



4861236



6370110



2966346



2499107



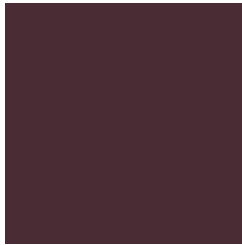
6684697



15073335

Previews

White Background



This preview shows how the Decimal color 4861236 looks on a white background.

Color Contrast Check

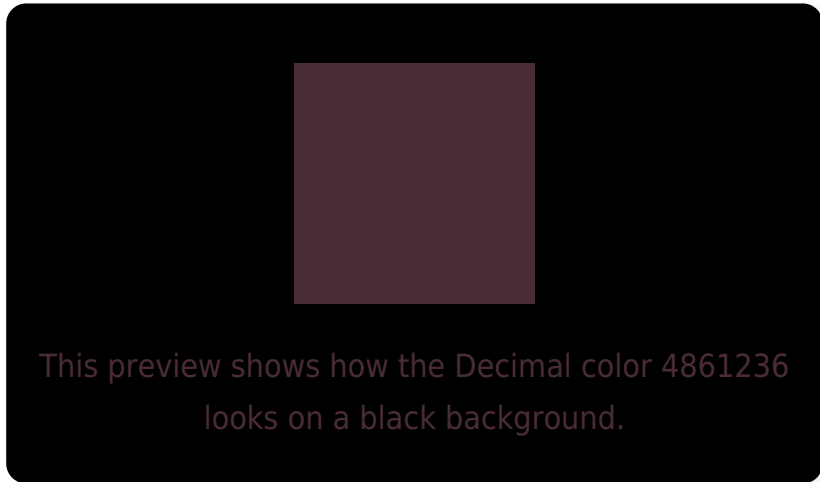
Large Text (above 18pt) WCAG AA ✓ Pass

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

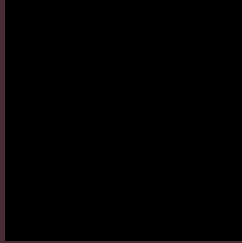
Any Text WCAG AA × Fail

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 4861236 Background



This preview shows how black text looks on a background with the Decimal color 4861236.



This preview shows how white text looks on a background with the Decimal color 4861236.

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

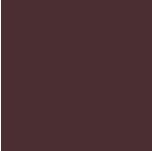
4861236

Protanopia

3552569

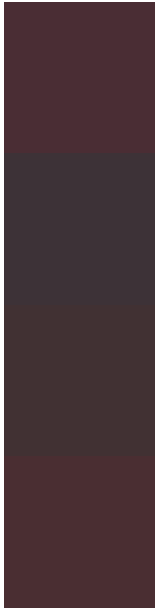
Deuteranopia

3945523



Tritanopia
4861489

Trichromacy



Original Color

4861236

Protanomaly

4010551

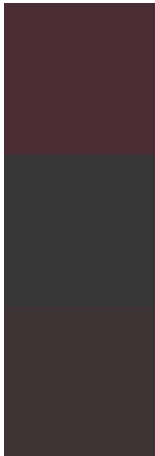
Deuteranomaly

4272435

Tritanomaly

4861490

Monochromacy



Original Color

4861236

Achromatopsia

3552822

Achromatomaly

4010805

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4861236 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 #4A2D34 looks like.

```
.text, #text, p{  
    color:#4A2D34  
}
```

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 #4A2D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2D34
}
```

Border

The CSS property to change the border of an element to Decimal 4861236 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".

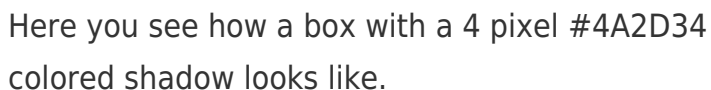
```
.border, #border, table{ border:4px solid
#4A2D34 }
```

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

```
.border{ border-color:#4A2D34 }
```

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

Here you see how a box with a 4 pixel #4A2D34 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2D34; -webkit-box-shadow:4px 4px  
4px 4px #4A2D34; box-shadow:4px 4px 4px  
4px #4A2D34 }
```

Background

The CSS property to change the background color of an element to Decimal 4861236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2D34 }
```

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

```
.background{ background-color:#4A2D34 }
```

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