

# Converting Colors

Decimal(4861976)

Have a look what the booklet for  
Decimal(4861976) contains.

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**Color**

**Decimal(4861976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A3018
RGB	74, 48, 24
RGB Percent	29%, 19%, 9%
CMY	0.7098, 0.8118, 0.9059
CMYK	0.00, 0.35, 0.68, 0.71
HSL	29°, 51%, 19%
HSV	29°, 68%, 29%
XYZ	4.0459, 3.6357, 1.3527
YIQ	53.0380, 23.2000, -1.9520

# Conversions

## Conversions Part 2

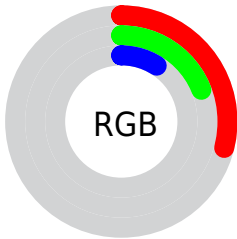
Format	Color
<a href="#">RYB</a>	<a href="#">74, 70, 24</a>
Decimal	<a href="#">4861976</a>
CIELab	<a href="#">22.43, 8.94, 19.94</a>
CIElCh	<a href="#">22, 21.848, 65.847</a>
Yxy	<a href="#">3.6357, 0.4478, 0.4024</a>
Android (android.graphics.Color)	<a href="#">4283052056 (0xFF4A3018)</a>
YUV	<a href="#">53.0380, -14.3157, 18.3837</a>
Hunter-Lab	<a href="#">19.0675, 4.5071, 9.1411</a>

# Details

The Decimal color **4861976** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1585738**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **8216132**, and **1769728** is the 20% darker color. If you saturate the color by 10%, you get **4860945**, and if you desaturate by 10%, it is **4863007**.

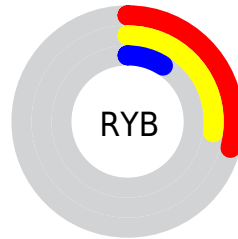
# Distribution



Red (29%)

Green (19%)

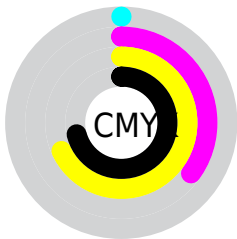
Blue (9%)



Red (29%)

Yellow (27%)

Blue (9%)

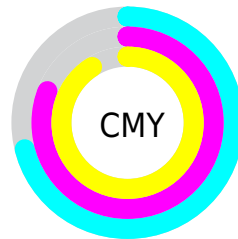


Cyan (0%)

Magenta (35%)

Yellow (68%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4861976 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 4861976 by changing the saturation by 10% instead.





4861976



4861976

16777212



3349248



8216132



1769728



9992027



0



11767924



13609870



15517352



16769732



16777184



4861976



4861976

■ 4860945

■ 4863007

■ 4859913

■ 4864039

■ 4858882

■ 4865070

■ 4858880

■ 4865846

■ 4866877

■ 4867908

■ 4868940

■ 4869971

■ 4871003

# Harmonies

## Analogous

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



5450275



4861976



3946004

# Triad

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



4861976



15928



3878992

# Complementary

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



4861976



1585738

# 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.



2111062



4861976



15688

# Square

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



4861976



1391912



15187



4991555

# Rectangle

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



4861976



3225879



15187



3355219



# Sweetspot

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



4861976



6379342



4855859



3156517



11579568



3158064



# Same Dimension

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



4861976



6371346



4868120



2499618



6697216



15101440



# Inverse Universe

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



1585738



1194849



1579594



2237478



13670



30694



# Previews

## White Background



This preview shows how the Decimal color 4861976 looks on a white background.

## Color Contrast Check

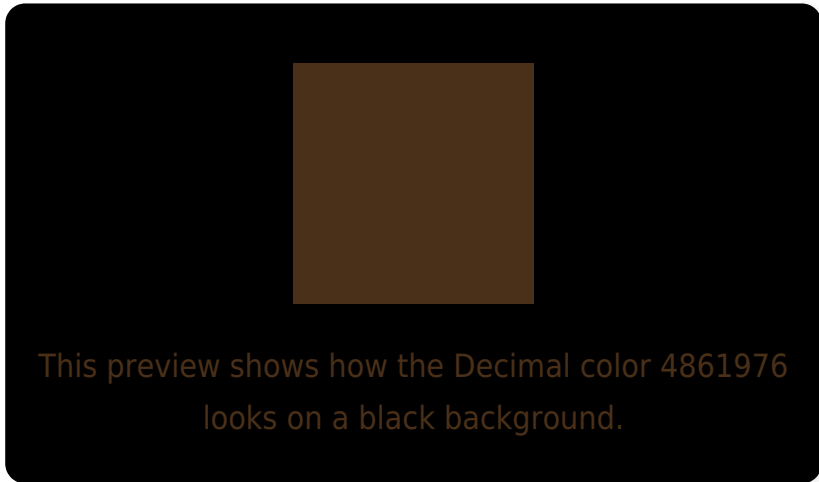
Large Text (above 18pt) WCAG AA ✓ Pass

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

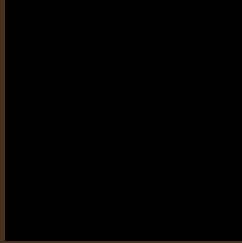
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4861976 Background



This preview shows how black text looks on a background with the Decimal color 4861976.

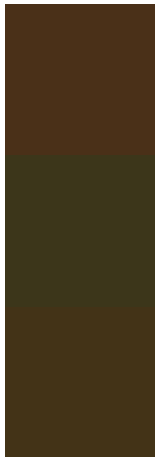


This preview shows how white text looks on a background with the Decimal color 4861976.

# 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**  
4861976

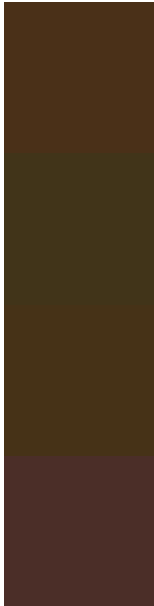
**Protanopia**  
3946010

**Deuteranopia**  
4403991



**Tritanopia**  
4992305

# Trichromacy



**Original Color**  
4861976

**Protanomaly**  
4273177

**Deuteranomaly**  
4600343

**Tritanomaly**  
4927016

# Monochromacy



**Original Color**  
4861976

**Achromatopsia**  
3487029

**Achromatomaly**  
4010794

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4861976 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 #4A3018 looks like.

```
.text, #text, p{  
    color:#4A3018  
}
```

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 #4A3018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3018
}
```

## Border

The CSS property to change the border of an element to Decimal 4861976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

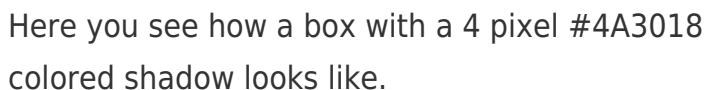
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3018 }
```

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

```
.border{ border-color:#4A3018 }
```

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



Here you see how a box with a 4 pixel #4A3018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3018; -webkit-box-shadow:4px 4px  
4px 4px #4A3018; box-shadow:4px 4px 4px  
4px #4A3018 }
```

# Background

The CSS property to change the background color of an element to Decimal 4861976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3018 }
```

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

```
.background{ background-color:#4A3018 }
```

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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