

# Converting Colors

Decimal(4661046)

Have a look what the booklet for  
Decimal(4661046) contains.

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**Color**

**Decimal(4661046)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	471F36
RGB	71, 31, 54
RGB Percent	28%, 12%, 21%
CMY	0.7216, 0.8784, 0.7882
CMYK	0.00, 0.56, 0.24, 0.72
HSL	326°, 39%, 20%
HSV	326°, 56%, 28%
XYZ	3.7544, 2.5859, 3.7913
YIQ	45.5820, 16.4570, 15.6330

# Conversions

## Conversions Part 2

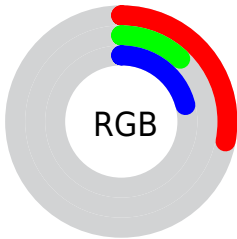
Format	Color
<b>R<sub>YB</sub></b>	71, 31, 54
Decimal	4661046
CIE Lab	18.30, 22.43, -6.17
CIE LCh	18, 23.258, 344.626
Yxy	2.5859, 0.3706, 0.2552
Android (android.graphics.Color)	4282851126 (0xFF471F36)
YUV	45.5820, 4.1501, 22.2916
Hunter-Lab	16.0808, 13.5331, -2.7220

# Details

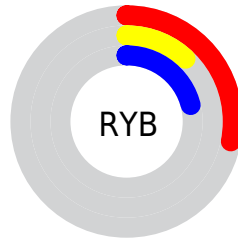
The Decimal color **4661046** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2049840**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7949669**, and **1769481** is the 20% darker color. If you saturate the color by 10%, you get **4659251**, and if you desaturate by 10%, it is **4662841**.

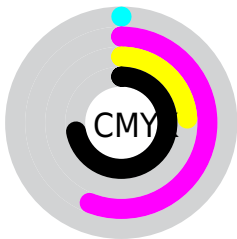
# Distribution



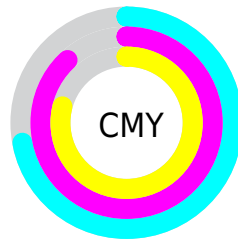
- Red (28%)
- Green (12%)
- Blue (21%)



- Red (28%)
- Yellow (12%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (24%)
- Black (72%)



- Cyan (72%)
- Magenta (88%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4661046 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 4661046 by changing the saturation by 10% instead.





4661046



4661046

16777215



3148065



7949669



1769481



9659774



0



11435671



13277618



15119566



16764906



16772351



4661046



4661046

■ 4659251

■ 4662841

■ 4657456

■ 4664636

■ 4655661

■ 4666431

■ 4653866

■ 4668226

■ 4653097

■ 4670277

■ 4672072

■ 4673867

■ 4675662

■ 4677457

# Harmonies

## Analogous

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



3679557



4661046



4988453

# Triad

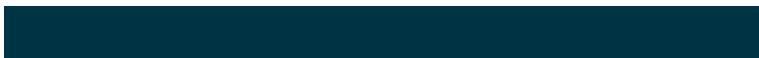
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4661046



3026441



13380

# Complementary

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



4661046



2049840

# 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.



13621



4661046



1782292

# Square

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



4661046



4008202



13347



12621

# Rectangle

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



4661046



4857882



13347



13375



# Sweetspot

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



4661046



6048853



3153735



3024170



11382189



3026478



# Same Dimension

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



4661046



6036801



4661026



2367522



6488121



14876802



# Inverse Universe

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



4661046



6036801



2049860



2367522



6488121

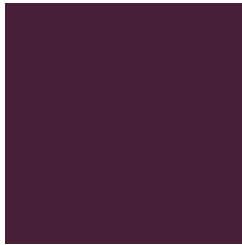


14876802



# Previews

## White Background



This preview shows how the Decimal color 4661046 looks on a white background.

## Color Contrast Check

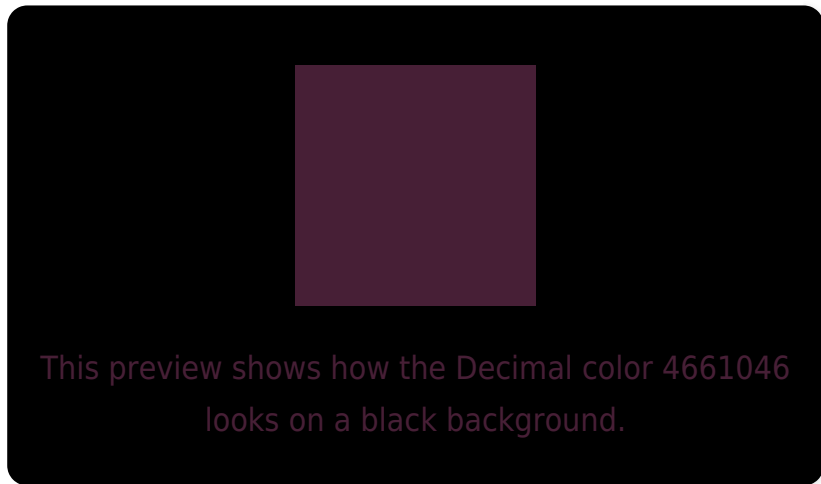
Large Text (above 18pt) WCAG AA ✓ Pass

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

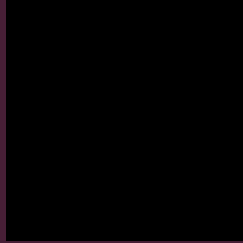
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4661046 Background



This preview shows how black text looks on a background with the Decimal color 4661046.



This preview shows how white text looks on a background with the Decimal color 4661046.

# 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**  
4661046

**Protanopia**  
2633024

**Deuteranopia**  
3091508



**Tritanopia**  
4530981

# Trichromacy



**Original Color**  
4661046

**Protanomaly**  
3352636

**Deuteranomaly**  
3680053

**Tritanomaly**  
4596267

# Monochromacy



**Original Color**  
4661046

**Achromatopsia**  
3026478

**Achromatomaly**  
3615025

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4661046 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 #471F36 looks like.

```
.text, #text, p{  
  color:#471F36  
}
```

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 #471F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471F36
}
```

## Border

The CSS property to change the border of an element to Decimal 4661046 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".

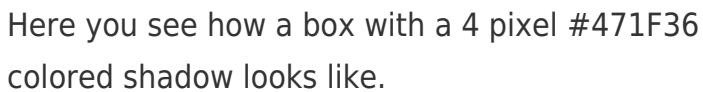
```
.border, #border, table{ border:4px solid
#471F36 }
```

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

```
.border{ border-color:#471F36 }
```

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

Here you see how a box with a 4 pixel #471F36 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple shadow that is wider on the left and bottom sides, and narrower on the top and right sides, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471F36; -webkit-box-shadow:4px 4px  
4px 4px #471F36; box-shadow:4px 4px 4px  
4px #471F36 }
```

# Background

The CSS property to change the background color of an element to Decimal 4661046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471F36 }
```

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

```
.background{ background-color:#471F36 }
```

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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