

# Converting Colors

Decimal(4671838)

Have a look what the booklet for  
Decimal(4671838) contains.

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# Color

**Decimal(4671838)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47495E
RGB	71, 73, 94
RGB Percent	28%, 29%, 37%
CMY	0.7216, 0.7137, 0.6314
CMYK	0.24, 0.22, 0.00, 0.63
HSL	235°, 14%, 32%
HSV	235°, 24%, 37%
XYZ	7.0015, 6.9128, 11.5550
YIQ	74.7960, -7.9330, 6.1070

# Conversions

## Conversions Part 2

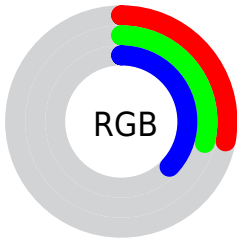
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	71, 73, 94
Decimal	4671838
CIE Lab	31.61, 4.39, -12.61
CIE LCh	32, 13.350, 289.209
Yxy	6.9128, 0.2749, 0.2714
Android (android.graphics.Color)	4282861918 (0xFF47495E)
YUV	74.7960, 9.4676, -3.3291
Hunter-Lab	26.2923, 1.5219, -7.6523

# Details

The Decimal color **4671838** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **6184007**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **7895440**, and **1777200** is the 20% darker color. If you saturate the color by 10%, you get **4079710**, and if you desaturate by 10%, it is **5263966**.

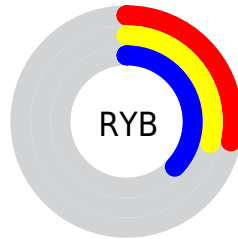
# Distribution



 Red (28%)

 Green (29%)

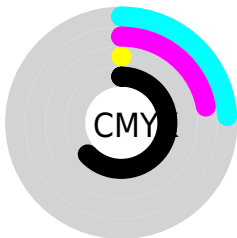
 Blue (37%)



 Red (28%)

 Yellow (29%)

 Blue (37%)

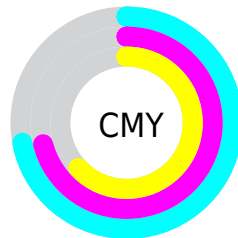


 Cyan (24%)

 Magenta (22%)

 Yellow (0%)

 Black (63%)



 Cyan (72%)

 Magenta (71%)

 Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4671838 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 4671838 by changing the saturation by 10% instead.



■ 4671838

■ 4671838

16777215

■ 3158854

■ 7895440

■ 1777200

■ 9606059

■ 197659

■ 11316934

■ 0

■ 13158882

■ 15001087

■ 4671838

■ 4671838

■ 4079710

■ 5263966

■ 3422302

■ 5921374

■ 2830174

■ 6513502

■ 2172766

■ 7170910

■ 1580638

■ 7763038

■ 988766

■ 8354910

■ 331102

■ 9012574

■ 2142

■ 9604702

■ 10262110

# Harmonies

## Analogous

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



3755103



4671838



5522776

# Triad

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



4671838



6112571



3428422

# Complementary

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



4671838



6184007

# 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.



4149052



4671838



5654582

# Square

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



4671838



6308676



4934711



2969681

# Rectangle

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



4671838



5981266



4934711



3625027



# Sweetspot

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



4671838



7500666



4677212



3684669



12434877



4013373



# Same Dimension

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



4671838



5724794



5261150



2697774



2670



5613



# Inverse Universe

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



6178633



8017754



5594695



3025194



7208970



15532053



# Previews

## White Background



This preview shows how the Decimal color 4671838 looks on a white background.

## Color Contrast Check

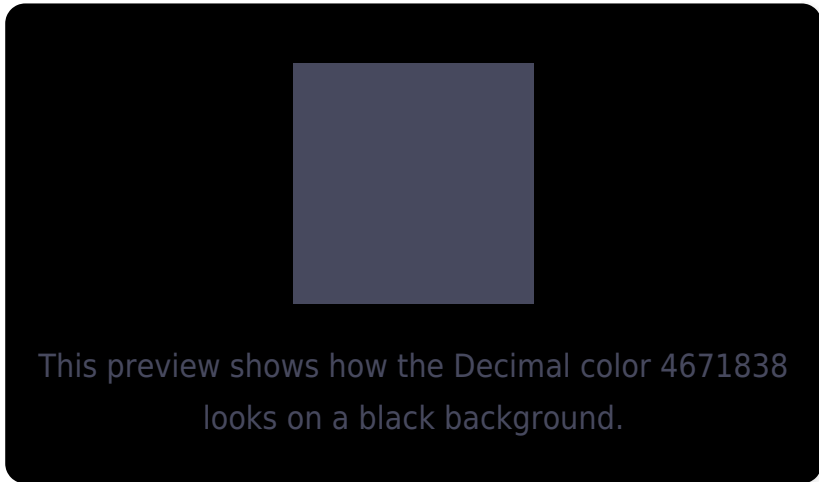
Large Text (above 18pt) WCAG AA ✓ Pass

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

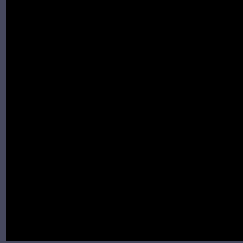
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 4671838 Background



This preview shows how black text looks on a background with the Decimal color 4671838.

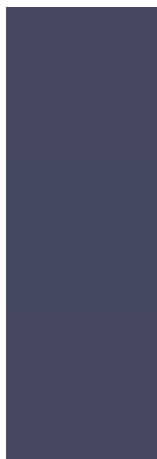


This preview shows how white text looks on a background with the Decimal color 4671838.

# 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**


4671838

**Protanopia**

4541022

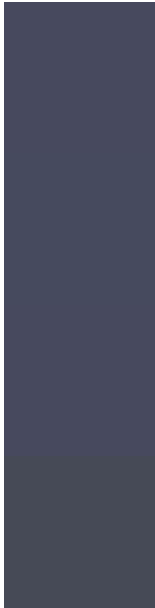
**Deuteranopia**

4671838



**Tritanopia**  
4541265

# Trichromacy



**Original Color**

4671838

**Protanomaly**

4606558

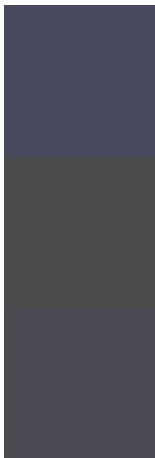
**Deuteranomaly**

4671838

**Tritanomaly**

4606550

# Monochromacy



**Original Color**

4671838

**Achromatopsia**

4934475

**Achromatomaly**

4868690

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4671838 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 #47495E looks like.

```
.text, #text, p{  
  color:#47495E  
}
```

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 #47495E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47495E
}
```

## Border

The CSS property to change the border of an element to Decimal 4671838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

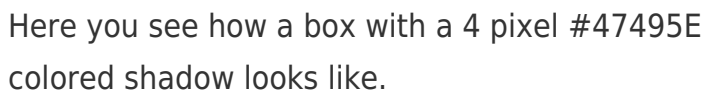
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47495E }
```

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

```
.border{ border-color:#47495E }
```

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



Here you see how a box with a 4 pixel #47495E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47495E; -webkit-box-shadow:4px 4px  
4px 4px #47495E; box-shadow:4px 4px 4px  
4px #47495E }
```

# Background

The CSS property to change the background color of an element to Decimal 4671838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47495E }
```

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

```
.background{ background-color:#47495E }
```

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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