

# Converting Colors

Decimal(4662333)

Have a look what the booklet for  
Decimal(4662333) contains.

<b>Decimal(4662333)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4662333)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47243D
RGB	71, 36, 61
RGB Percent	28%, 14%, 24%
CMY	0.7216, 0.8588, 0.7608
CMYK	0.00, 0.49, 0.14, 0.72
HSL	317°, 33%, 21%
HSV	317°, 49%, 28%
XYZ	4.0717, 2.9383, 4.7674
YIQ	49.3150, 12.8350, 15.1950

# Conversions

## Conversions Part 2

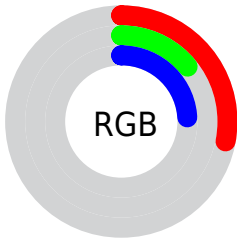
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 36, 61
Decimal	4662333
CIE Lab	19.79, 20.66, -8.78
CIE LCh	20, 22.449, 336.987
Yxy	2.9383, 0.3457, 0.2495
Android (android.graphics.Color)	4282852413 (0xFF47243D)
YUV	49.3150, 5.7607, 19.0177
Hunter-Lab	17.1414, 12.4030, -4.4910




# Details

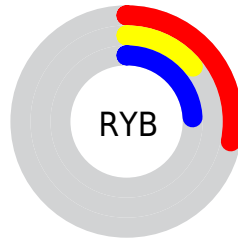
The Decimal color **4662333** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2377518**, and the grayscale version is **3223857**.




A 20% lighter version of the original color is **7885420**, and **1966099** is the 20% darker color. If you saturate the color by 10%, you get **4660539**, and if you desaturate by 10%, it is **4664127**.

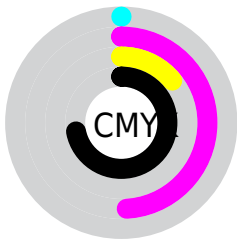
# Distribution







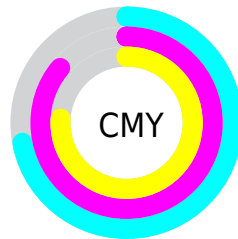
-  Red (28%)
-  Green (14%)
-  Blue (24%)






-  Red (28%)
-  Yellow (14%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (14%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (86%)
-  Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4662333 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 4662333 by changing the saturation by 10% instead.





4662333



4662333

16777215



3149607



7885420



1966099



9661062



0



11371680



13213371



15055319



16766451



16773631



4662333



4662333

■ 4660539

■ 4664127

■ 4658745

■ 4665921

■ 4656951

■ 4667715

■ 4655157

■ 4669509

■ 4653107

■ 4671559

■ 4673353

■ 4675147

■ 4676941

■ 4678735

# Harmonies

## Analogous

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



3549770



4662333



5120557

# Triad

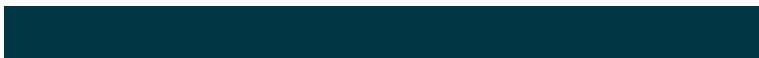
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4662333



3551246



14147

# Complementary

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



4662333



2377518

# 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.



14387



4662333



2372885

# Square

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



4662333



4467217



800546



13646

# Rectangle

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



4662333



5120802



800546



14398



# Sweetspot

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



4662333



6049368



3023943



3024428



11382189



3026478



# Same Dimension

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



4662333



6039116



4662316



2367523



6488135



14876834



# Inverse Universe

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



4662333



6039116



2377535



2367523



6488135

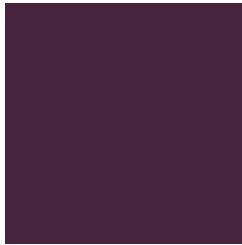


14876834



# Previews

## White Background



This preview shows how the Decimal color 4662333 looks on a white background.

## Color Contrast Check

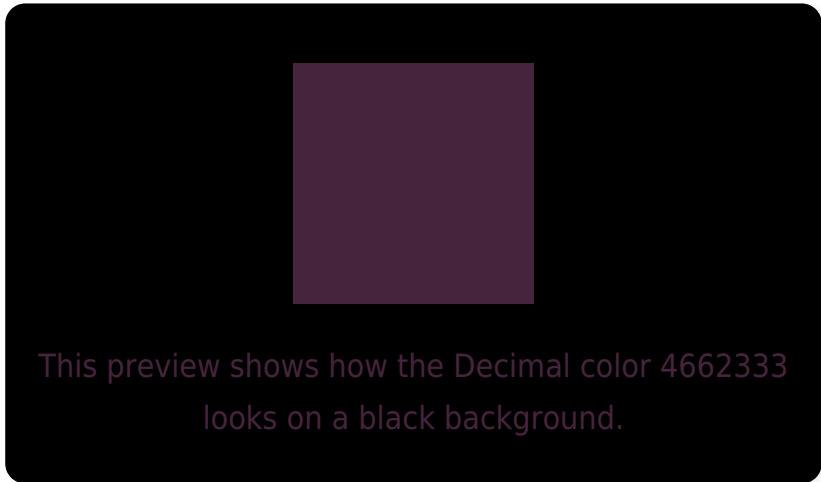
Large Text (above 18pt) WCAG AA ✓ Pass

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

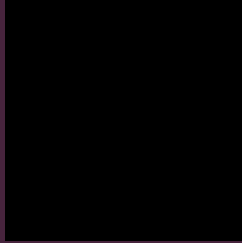
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4662333 Background



This preview shows how black text looks on a background with the Decimal color 4662333.



This preview shows how white text looks on a background with the Decimal color 4662333.

# 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](#).

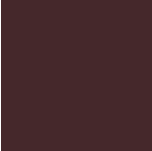
## Dichromacy



**Original Color**  
4662333

**Protanopia**  
2699334

**Deuteranopia**  
3157819



**Tritanopia**  
4532267

# Trichromacy



**Original Color**

4662333

**Protanomaly**

3419203

**Deuteranomaly**

3681084

**Tritanomaly**

4597554

# Monochromacy



**Original Color**

4662333

**Achromatopsia**

3223857

**Achromatomaly**

3746869

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4662333 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 #47243D looks like.

```
.text, #text, p{  
    color:#47243D  
}
```

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 #47243D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47243D
}
```

## Border

The CSS property to change the border of an element to Decimal 4662333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

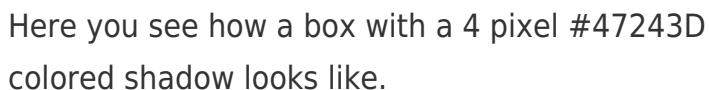
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47243D }
```

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

```
.border{ border-color:#47243D }
```

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



Here you see how a box with a 4 pixel #47243D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47243D; -webkit-box-shadow:4px 4px  
4px 4px #47243D; box-shadow:4px 4px 4px  
4px #47243D }
```

# Background

The CSS property to change the background color of an element to Decimal 4662333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47243D }
```

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

```
.background{ background-color:#47243D }
```

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