

# Converting Colors

Decimal(4475463)

Have a look what the booklet for  
Decimal(4475463) contains.

<b>Decimal(4475463)</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(4475463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	444A47
RGB	68, 74, 71
RGB Percent	27%, 29%, 28%
CMY	0.7333, 0.7098, 0.7216
CMYK	0.08, 0.00, 0.04, 0.71
HSL	150°, 4%, 28%
HSV	150°, 8%, 29%
XYZ	5.9700, 6.5814, 6.9169
YIQ	71.8640, -2.6130, -2.2050

# Conversions

## Conversions Part 2

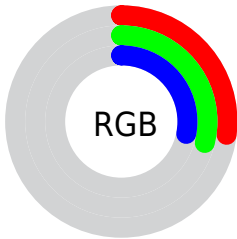
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 72, 74
Decimal	4475463
CIELab	30.83, -3.12, 0.95
CIELCh	31, 3.259, 163.111
Yxy	6.5814, 0.3067, 0.3381
Android (android.graphics.Color)	4282665543 (0xFF444A47)
YUV	71.8640, -0.4260, -3.3887
Hunter-Lab	25.6543, -3.3564, 1.9722

# Details

The Decimal color **4475463** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4867143**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **7633783**, and **1646108** is the 20% darker color. If you saturate the color by 10%, you get **4016707**, and if you desaturate by 10%, it is **4934219**.

# Distribution



Red (27%)

Green (29%)

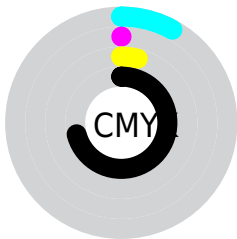
Blue (28%)



Red (27%)

Yellow (28%)

Blue (29%)

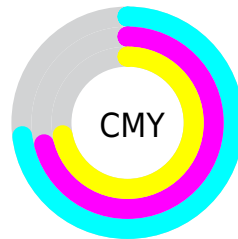


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4475463 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 4475463 by changing the saturation by 10% instead.



■ 4475463

■ 4475463

16777215

■ 3027761

■ 7633783

■ 1646108

■ 9344145

■ 1281

■ 11055019

■ 0

■ 12831431

■ 14673891

■ 16580607

■ 4475463

■ 4475463

■ 4016707

■ 4934219

■ 3492416

■ 5458510

■ 3033660

■ 5917266

■ 2509368

■ 6441558

■ 2050613

■ 6900314

■ 1591857

■ 7359069

■ 1067565

■ 7883361

■ 608809

■ 8342117

■ 84518

■ 8866408

# Harmonies

## Analogous

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



4671813



4475463



4409930

# Triad

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



4475463



4671565



5130053

# Complementary

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



4475463



4867143

# 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.



5130056



4475463



4868172

# Square

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



4475463



4540749



5064522



4999236

# Rectangle

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



4475463



4344395



5064522



5130054



# Sweetspot

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



4475463



6250848



4672068



3092528



11579568



3158064



# Same Dimension

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



4475463



5726556



4475466



2237988



26163



58995



# Inverse Universe

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



4867143



6379356



4867140



2499108



6684723

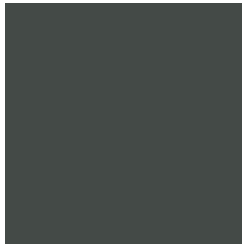


15073395



# Previews

## White Background



This preview shows how the Decimal color 4475463 looks on a white background.

## Color Contrast Check

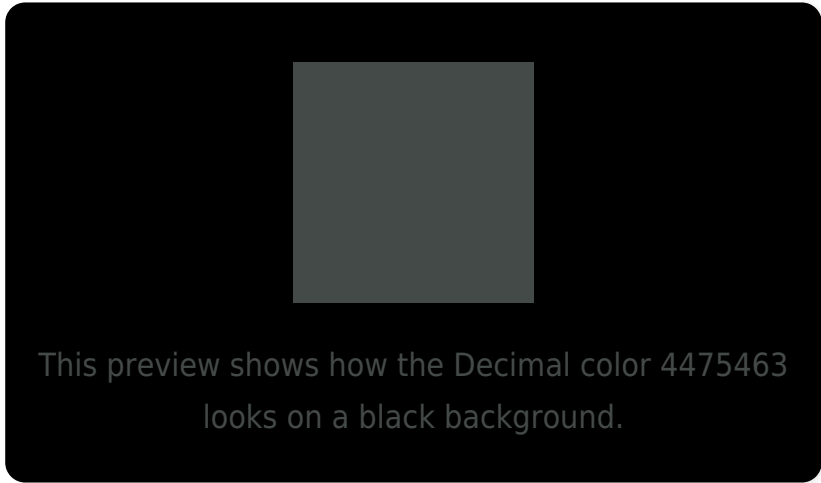
Large Text (above 18pt) WCAG AA ✓ Pass

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

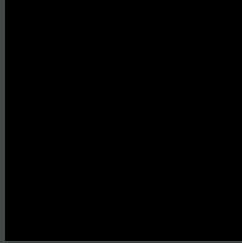
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

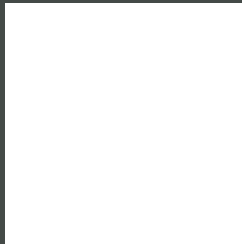
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4475463 Background



This preview shows how black text looks on a background with the Decimal color 4475463.

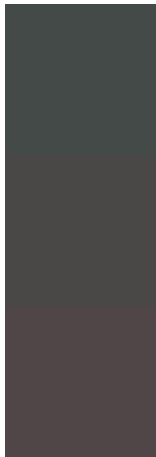


This preview shows how white text looks on a background with the Decimal color 4475463.

# 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**  
4475463

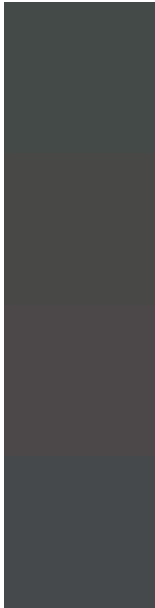
**Protanopia**  
4868166

**Deuteranopia**  
5260872



**Tritanopia**  
4540751

# Trichromacy



**Original Color**

4475463

**Protanomaly**

4737350

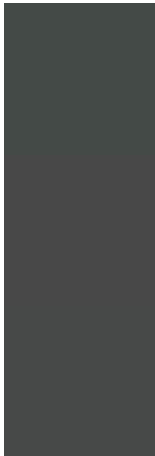
**Deuteranomaly**

4998984

**Tritanomaly**

4540748

# Monochromacy



**Original Color**

4475463

**Achromatopsia**

4737096

**Achromatomaly**

4671816

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4475463 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 #444A47 looks like.

```
.text, #text, p{  
  color:#444A47  
}
```

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 #444A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444A47
}
```

## Border

The CSS property to change the border of an element to Decimal 4475463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

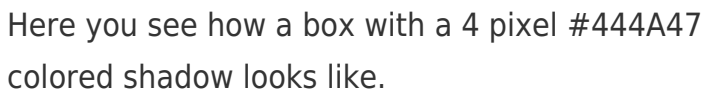
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444A47 }
```

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

```
.border{ border-color:#444A47 }
```

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



Here you see how a box with a 4 pixel #444A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444A47; -webkit-box-shadow:4px 4px  
4px 4px #444A47; box-shadow:4px 4px 4px  
4px #444A47 }
```

# Background

The CSS property to change the background color of an element to Decimal 4475463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444A47 }
```

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

```
.background{ background-color:#444A47 }
```

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