

# Converting Colors

Decimal(4870470)

Have a look what the booklet for  
Decimal(4870470) contains.

<b>Decimal(4870470)</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(4870470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A5146
RGB	74, 81, 70
RGB Percent	29%, 32%, 27%
CMY	0.7098, 0.6824, 0.7255
CMYK	0.09, 0.00, 0.14, 0.68
HSL	98°, 7%, 30%
HSV	98°, 14%, 32%
XYZ	6.8720, 7.7829, 6.9344
YIQ	77.6530, -0.6410, -4.9050

# Conversions

## Conversions Part 2

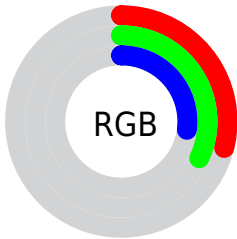
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 81, 77
Decimal	4870470
CIE Lab	33.53, -5.18, 5.52
CIE LCh	34, 7.570, 133.168
Yxy	7.7829, 0.3183, 0.3605
Android (android.graphics.Color)	4283060550 (0xFF4A5146)
YUV	77.6530, -3.7729, -3.2037
Hunter-Lab	27.8979, -4.8521, 4.7911

# Details

The Decimal color **4870470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5064273**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8094326**, and **1975323** is the 20% darker color. If you saturate the color by 10%, you get **4542782**, and if you desaturate by 10%, it is **5198158**.

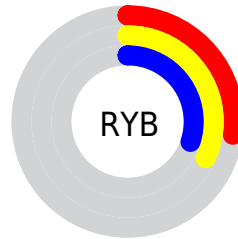
# Distribution



Red (29%)

Green (32%)

Blue (27%)



Red (27%)

Yellow (32%)

Blue (30%)

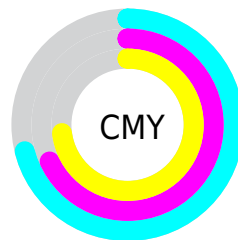


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4870470 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 4870470 by changing the saturation by 10% instead.



■ 4870470

■ 4870470

16777215

■ 3357232

■ 8094326

■ 1975323

■ 9739408

■ 397056

■ 11515818

■ 0

■ 13358022

■ 15200226

16777214

■ 4870470

■ 4870470

■ 4542782

■ 5198158

■ 4215094

■ 5525846

■ 3887406

■ 5853534

■ 3494182

■ 6246758

■ 3166494

■ 6574447

■ 2838805

■ 6902135

■ 2511117

■ 7229823

■ 2183429

■ 7557511

■ 1921280

■ 7885199

# Harmonies

## Analogous

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



5328707



4870470



4477515

# Triad

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



4870470



4542554



6048588

# Complementary

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



4870470



5064273

# 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.



5851986



4870470



5000794

# Square

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



4870470



4215383



5459032



5983303

# Rectangle

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



4870470



4280911



5459032



5983054



# Sweetspot

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



4870470



6711652



5328198



3421747



11908533



3552822



# Same Dimension

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



4870470



6187352



4608327



2500901



2517248



5564416



# Inverse Universe

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



5064273



6445161



5326416



2565417



4391017



9699560



# Previews

## White Background



This preview shows how the Decimal color 4870470 looks on a white background.

## Color Contrast Check

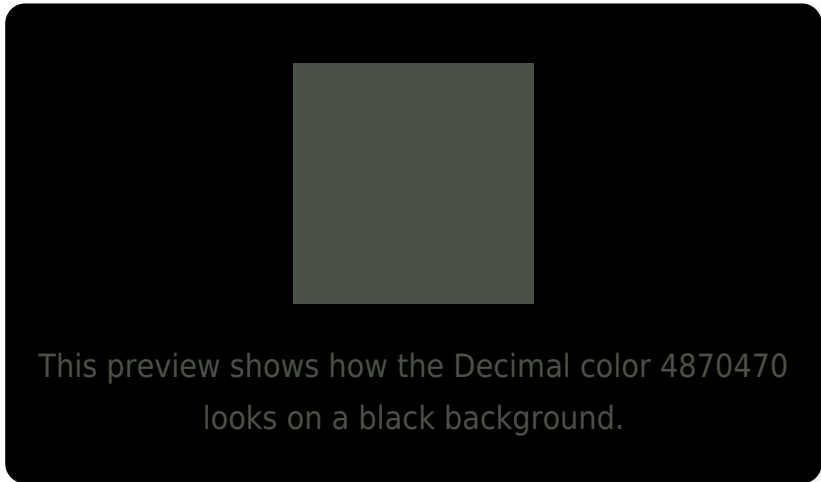
Large Text (above 18pt) WCAG AA ✓ Pass

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

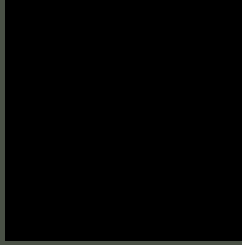
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4870470 Background



This preview shows how black text looks on a background with the Decimal color 4870470.



This preview shows how white text looks on a background with the Decimal color 4870470.

# 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**  
4870470

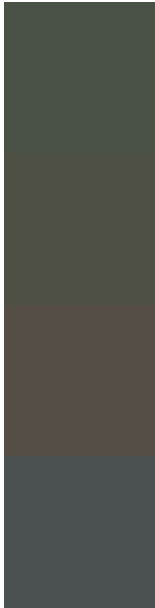
**Protanopia**  
5394245

**Deuteranopia**  
5852231



**Tritanopia**  
5001045

# Trichromacy



**Original Color**

4870470

**Protanomaly**

5197893

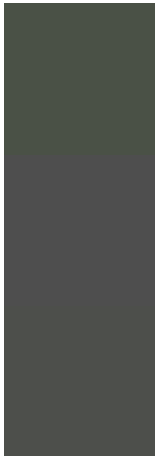
**Deuteranomaly**

5525063

**Tritanomaly**

4935760

# Monochromacy



**Original Color**

4870470

**Achromatopsia**

5131854

**Achromatomaly**

5066571

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4870470 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 #4A5146 looks like.

```
.text, #text, p{  
    color:#4A5146  
}
```

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 #4A5146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5146
}
```

## Border

The CSS property to change the border of an element to Decimal 4870470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

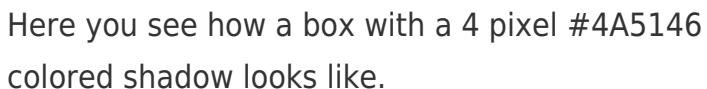
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5146 }
```

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

```
.border{ border-color:#4A5146 }
```

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



Here you see how a box with a 4 pixel #4A5146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5146; -webkit-box-shadow:4px 4px  
4px 4px #4A5146; box-shadow:4px 4px 4px  
4px #4A5146 }
```

# Background

The CSS property to change the background color of an element to Decimal 4870470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5146 }
```

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

```
.background{ background-color:#4A5146 }
```

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