

# Converting Colors

Decimal(5073749)

Have a look what the booklet for  
Decimal(5073749) contains.

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# Color

**Decimal(5073749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D6B55
RGB	77, 107, 85
RGB Percent	30%, 42%, 33%
CMY	0.6980, 0.5804, 0.6667
CMYK	0.28, 0.00, 0.21, 0.58
HSL	136°, 16%, 36%
HSV	136°, 28%, 42%
XYZ	9.9580, 12.7490, 10.5303
YIQ	95.5220, -10.8180, -13.2020

# Conversions

## Conversions Part 2

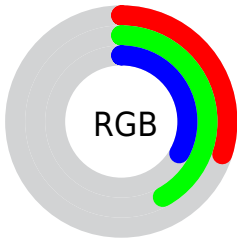
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 101, 107
Decimal	5073749
CIELab	42.38, -15.94, 8.86
CIELCh	42, 18.234, 150.939
Yxy	12.7490, 0.2996, 0.3836
Android (android.graphics.Color)	4283263829 (0xFF4D6B55)
YUV	95.5220, -5.1873, -16.2438
Hunter-Lab	35.7058, -12.7035, 7.5084

# Details

The Decimal color **5073749** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7032163**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8363911**, and **2046760** is the 20% darker color. If you saturate the color by 10%, you get **4352845**, and if you desaturate by 10%, it is **5794653**.

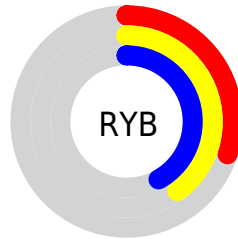
# Distribution



Red (30%)

Green (42%)

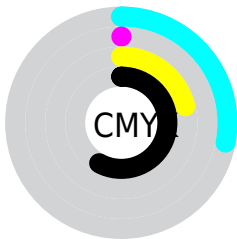
Blue (33%)



Red (30%)

Yellow (40%)

Blue (42%)

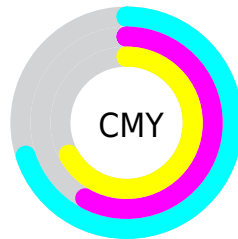


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5073749 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 5073749 by changing the saturation by 10% instead.



■ 5073749

■ 5073749

16777215

■ 3560254

■ 8363911

■ 2046760

■ 10074529

■ 599572

■ 11851196

■ 3840

■ 13628120

■ 0

■ 15532020

■ 5073749

■ 5073749

■ 4352845

■ 5794653

■ 3697477

■ 6450021

■ 2976573

■ 7170925

■ 2255670

■ 7891828

■ 1534766

■ 8612732

■ 879398

■ 9268100

■ 158494

■ 9989004

■ 27421

■ 10709908

■ 11365276

# Harmonies

## Analogous

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



6187082



5073749



4090980

# Triad

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



5073749



5399938



8542805

# Complementary

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



5073749



7032163

# 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.



8477028



5073749



6774910

# Square

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



5073749



4155774



7887731



8085066

# Rectangle

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



5073749



3632238



7887731



8608090



# Sweetspot

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



5073749



8490116



6515533



4212546



13092807



4671303



# Same Dimension

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



5073749



6130793



5073764



3159602



29983



62785



# Inverse Universe

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



7032163



9198976



7032148



3551284



7667798



16056500



# Previews

## White Background



This preview shows how the Decimal color 5073749 looks on a white background.

## Color Contrast Check

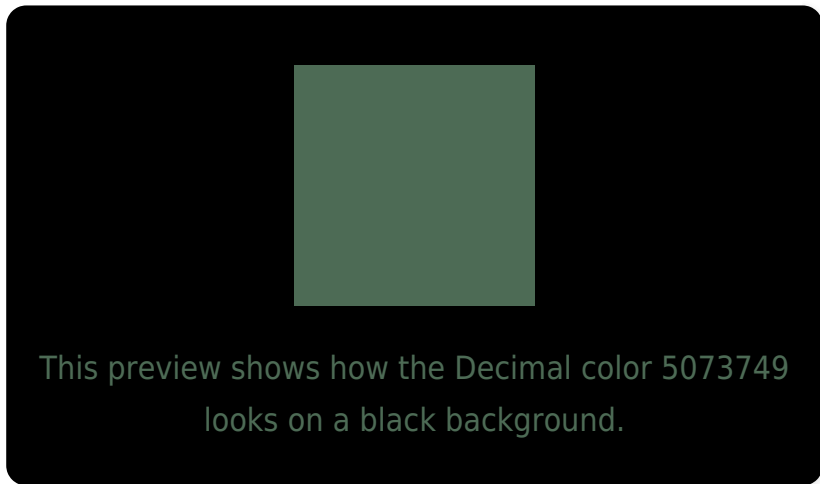
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

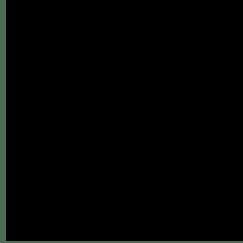
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5073749 Background



This preview shows how black text looks on a background with the Decimal color 5073749.



This preview shows how white text looks on a background with the Decimal color 5073749.

# 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](#).

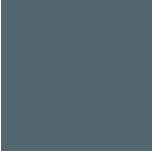
## Dichromacy



**Original Color**  
5073749

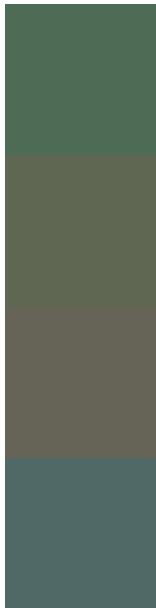
**Protanopia**  
6972497

**Deuteranopia**  
7495767



**Tritanopia**  
5400432

# Trichromacy



**Original Color**  
5073749

**Protanomaly**  
6252370

**Deuteranomaly**  
6644822

**Tritanomaly**  
5269606

# Monochromacy



**Original Color**  
5073749

**Achromatopsia**  
6316128

**Achromatomaly**  
5858396

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5073749 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 #4D6B55 looks like.

```
.text, #text, p{  
    color:#4D6B55  
}
```

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 #4D6B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6B55
}
```

## Border

The CSS property to change the border of an element to Decimal 5073749 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
#4D6B55 }
```

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

```
.border{ border-color:#4D6B55 }
```

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

Here you see how a box with a 4 pixel #4D6B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6B55; -webkit-box-shadow:4px 4px  
4px 4px #4D6B55; box-shadow:4px 4px 4px  
4px #4D6B55 }
```

# Background

The CSS property to change the background color of an element to Decimal 5073749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6B55 }
```

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

```
.background{ background-color:#4D6B55 }
```

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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