

# Converting Colors

Decimal(5074780)

Have a look what the booklet for  
Decimal(5074780) contains.

<b>Decimal(5074780)</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(5074780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D6F5C
RGB	77, 111, 92
RGB Percent	30%, 44%, 36%
CMY	0.6980, 0.5647, 0.6392
CMYK	0.31, 0.00, 0.17, 0.56
HSL	146°, 18%, 37%
HSV	146°, 31%, 44%
XYZ	10.6768, 13.7194, 12.2106
YIQ	98.6680, -14.1650, -13.1170

# Conversions

## Conversions Part 2

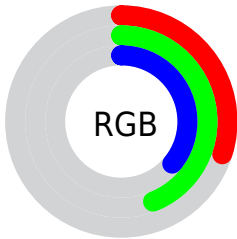
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 101, 111
Decimal	5074780
CIELab	43.83, -16.63, 6.70
CIElCh	44, 17.927, 158.039
Yxy	13.7194, 0.2917, 0.3748
Android (android.graphics.Color)	4283264860 (0xFF4D6F5C)
YUV	98.6680, -3.2873, -19.0028
Hunter-Lab	37.0397, -13.3663, 6.3821

# Details

The Decimal color **5074780** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7294304**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8364942**, and **2047790** is the 20% darker color. If you saturate the color by 10%, you get **4353878**, and if you desaturate by 10%, it is **5795682**.

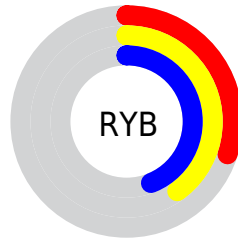
# Distribution



Red (30%)

Green (44%)

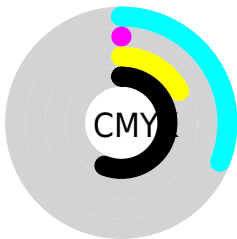
Blue (36%)



Red (30%)

Yellow (40%)

Blue (44%)

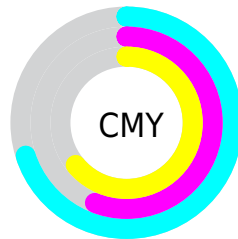


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5074780 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 5074780 by changing the saturation by 10% instead.



■ 5074780

■ 5074780

16777215

■ 3495492

■ 8364942

■ 2047790

■ 10075817

■ 534809

■ 11852484

■ 5632

■ 13694688

■ 0

■ 15532028

■ 5074780

■ 5074780

■ 4353878

■ 5795682

■ 3632976

■ 6516584

■ 2912073

■ 7237487

■ 2191171

■ 7958389

■ 1470269

■ 8744827

■ 683831

■ 9465729

■ 28465

■ 10186631

■ 10907534

■ 11628436

# Harmonies

## Analogous

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



6188112



5074780



4157547

# Triad

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



5074780



5990533



8675158

# Complementary

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



5074780



7294304

# 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.



8740196



5074780



7299711

# Square

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



5074780



4680835



8281715



8151884

# Rectangle

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



5074780



3895413



8281715



8805978



# Sweetspot

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



5074780



8688010



6319949



4344389



13224393



4868682



# Same Dimension

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



5074780



6066547



5074797



3291189



30773



63341



# Inverse Universe

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



7294304



9526394



7294287



3682870



7864387



16187530



# Previews

## White Background



This preview shows how the Decimal color 5074780 looks on a white background.

## Color Contrast Check

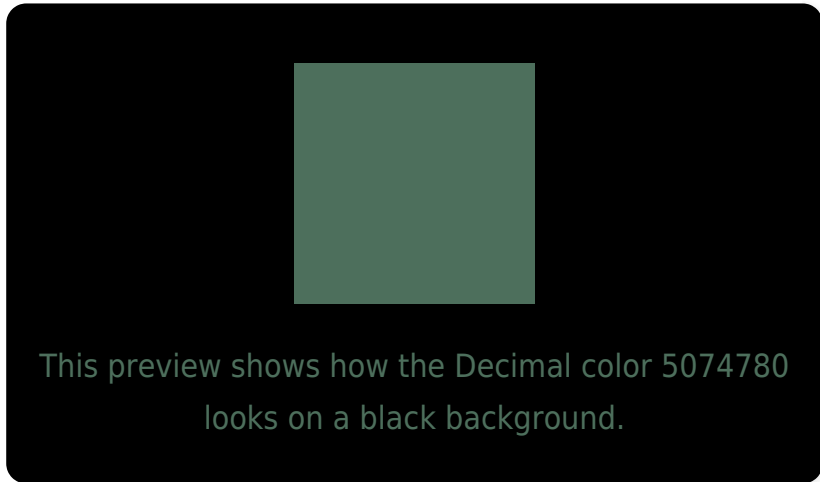
Large Text (above 18pt) WCAG AA ✓ Pass

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

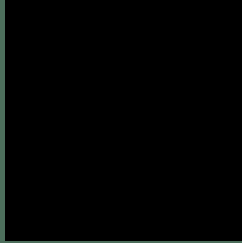
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5074780 Background



This preview shows how black text looks on a background with the Decimal color 5074780.



This preview shows how white text looks on a background with the Decimal color 5074780.

# 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**  
5074780

**Protanopia**  
7169880

**Deuteranopia**  
7627870



**Tritanopia**  
5401716

# Trichromacy



**Original Color**  
5074780

**Protanomaly**  
6384217

**Deuteranomaly**  
6711389

**Tritanomaly**  
5270891

# Monochromacy



**Original Color**  
5074780

**Achromatopsia**  
6513507

**Achromatomaly**  
5990240

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5074780 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 #4D6F5C looks like.

```
.text, #text, p{  
    color:#4D6F5C  
}
```

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 #4D6F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6F5C
}
```

## Border

The CSS property to change the border of an element to Decimal 5074780 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
#4D6F5C }
```

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

```
.border{ border-color:#4D6F5C }
```

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

Here you see how a box with a 4 pixel #4D6F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6F5C; -webkit-box-shadow:4px 4px  
4px 4px #4D6F5C; box-shadow:4px 4px 4px  
4px #4D6F5C }
```

# Background

The CSS property to change the background color of an element to Decimal 5074780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6F5C }
```

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

```
.background{ background-color:#4D6F5C }
```

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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