

# Converting Colors

Decimal(5005383)

Have a look what the booklet for  
Decimal(5005383) contains.

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# Color

**Decimal(5005383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6047
RGB	76, 96, 71
RGB Percent	30%, 38%, 28%
CMY	0.7020, 0.6235, 0.7216
CMYK	0.21, 0.00, 0.26, 0.62
HSL	108°, 15%, 33%
HSV	108°, 26%, 38%
XYZ	8.3007, 10.3572, 7.5229
YIQ	87.1700, -3.8950, -12.0150

# Conversions

## Conversions Part 2

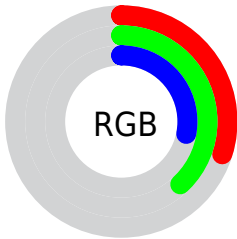
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 96, 91
Decimal	5005383
CIELab	38.48, -12.98, 11.86
CIElCh	38, 17.577, 137.581
Yxy	10.3572, 0.3171, 0.3956
Android (android.graphics.Color)	4283195463 (0xFF4C6047)
YUV	87.1700, -7.9718, -9.7961
Hunter-Lab	32.1826, -10.2798, 8.6684

# Details

The Decimal color **5005383** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5982048**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **8229752**, and **2044443** is the 20% darker color. If you saturate the color by 10%, you get **4481085**, and if you desaturate by 10%, it is **5529681**.

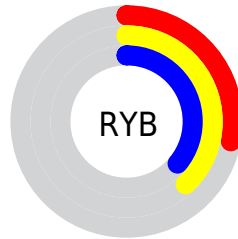
# Distribution



Red (30%)

Green (38%)

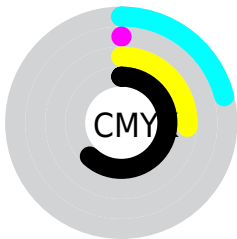
Blue (28%)



Red (28%)

Yellow (38%)

Blue (36%)

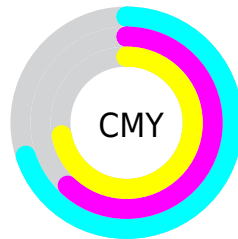


Cyan (21%)

Magenta (0%)

Yellow (26%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5005383 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 5005383 by changing the saturation by 10% instead.



■ 5005383

■ 5005383

16777215

■ 3491888

■ 8229752

■ 2044443

■ 9940369

■ 728321

■ 11717036

■ 0

■ 13559239

■ 15400931

■ 5005383

■ 5005383

■ 4481085

■ 5529681

■ 4022324

■ 5988442

■ 3498026

■ 6512740

■ 2973729

■ 7037037

■ 2514967

■ 7495799

■ 1990669

■ 8020097

■ 1466372

■ 8544394

■ 1269760

■ 9003156

■ 9527453

# Harmonies

## Analogous

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



6052927



5005383



3957332

# Triad

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



5005383



4218486



7819347

# Complementary

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



5005383



5982048

# 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.



7557473



5005383



5593462

# Square

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



5005383



3236207



6771822



7623494

# Rectangle

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



5005383



3367774



6771822



7819351



# Sweetspot

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



5005383



7699827



6314823



3883065



12566463



4210752



# Same Dimension

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



5005383



6192470



4677711



2961452



1470464



3207168



# Inverse Universe

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



5982048



7689853



6309721



3091504



5898352

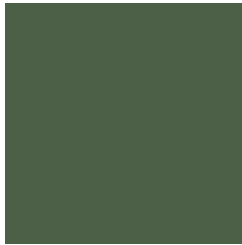


12583152



# Previews

## White Background



This preview shows how the Decimal color 5005383 looks on a white background.

## Color Contrast Check

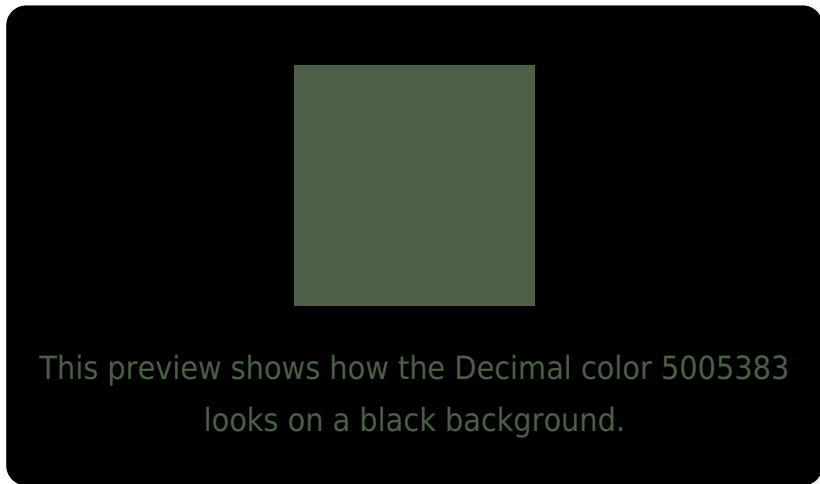
Large Text (above 18pt) WCAG AA ✓ Pass

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

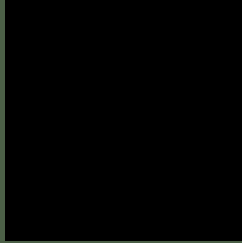
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5005383 Background



This preview shows how black text looks on a background with the Decimal color 5005383.



This preview shows how white text looks on a background with the Decimal color 5005383.

# 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**  
5005383

**Protanopia**  
6380100

**Deuteranopia**  
6903625



**Tritanopia**  
5332068

# Trichromacy



**Original Color**  
5005383

**Protanomaly**  
5856325

**Deuteranomaly**  
6183496

**Tritanomaly**  
5201241

# Monochromacy



**Original Color**  
5005383

**Achromatopsia**  
5723991

**Achromatomaly**  
5462609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5005383 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 #4C6047 looks like.

```
.text, #text, p{  
  color:#4C6047  
}
```

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 #4C6047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6047
}
```

## Border

The CSS property to change the border of an element to Decimal 5005383 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
#4C6047 }
```

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

```
.border{ border-color:#4C6047 }
```

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

Here you see how a box with a 4 pixel #4C6047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6047; -webkit-box-shadow:4px 4px  
4px 4px #4C6047; box-shadow:4px 4px 4px  
4px #4C6047 }
```

# Background

The CSS property to change the background color of an element to Decimal 5005383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6047 }
```

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

```
.background{ background-color:#4C6047 }
```

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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