

# Converting Colors

Decimal(5074967)

Have a look what the booklet for  
Decimal(5074967) contains.

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**Color**

**Decimal(5074967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D7017
RGB	77, 112, 23
RGB Percent	30%, 44%, 9%
CMY	0.6980, 0.5608, 0.9098
CMYK	0.31, 0.00, 0.79, 0.56
HSL	84°, 66%, 26%
HSV	84°, 79%, 44%
XYZ	9.0094, 13.2280, 2.8890
YIQ	91.3890, 7.7090, -35.0990

# Conversions

## Conversions Part 2

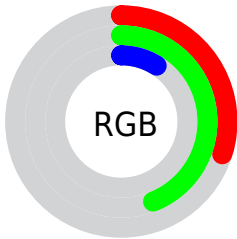
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 112, 58
Decimal	5074967
CIE Lab	43.10, -26.79, 42.25
CIE LCh	43, 50.028, 122.373
Yxy	13.2280, 0.3586, 0.5265
Android (android.graphics.Color)	4283265047 (0xFF4D7017)
YUV	91.3890, -33.7158, -12.6192
Hunter-Lab	36.3703, -19.4313, 20.7496

# Details

The Decimal color **5074967** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3807088**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8496202**, and **1851392** is the 20% darker color. If you saturate the color by 10%, you get **4812812**, and if you desaturate by 10%, it is **5337122**.

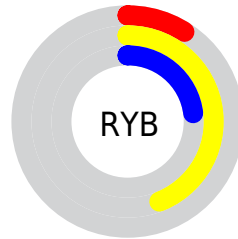
# Distribution



Red (30%)

Green (44%)

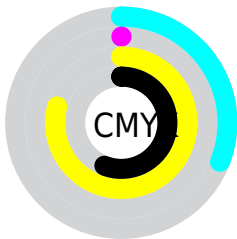
Blue (9%)



Red (9%)

Yellow (44%)

Blue (23%)

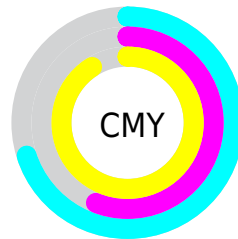


Cyan (31%)

Magenta (0%)

Yellow (79%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5074967 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 5074967 by changing the saturation by 10% instead.



■ 5074967

■ 5074967

16777215

■ 3430144

■ 8496202

■ 1851392

■ 10272611

■ 10496

■ 12114813

■ 4864

■ 13957272

■ 0

■ 15859635

■ 16777167

■ 16777196

■ 5074967

■ 5074967

■ 4812812

■ 5337122

■ 4485121

■ 5664813

■ 4485120

■ 5926969

■ 6254660

■ 6516815

■ 6778970

■ 7106661

■ 7368817

■ 7696508

# Harmonies

## Analogous

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



7824640



5074967



30269

# Triad

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



5074967



29871



11484260

# Complementary

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



5074967



3807088

# 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.



10110605



5074967



27321

# Square

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



5074967



30865



6969772



11289660

# Rectangle

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



5074967



30809



6969772



11157106



# Sweetspot

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



5074967



8687982



7354647



4344373



13224393



4868682



# Same Dimension

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



5074967



6000903



2191383



3553330



4814848



9893632



# Inverse Universe

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



3807088



4065169



6690672



3486264



3080312



6357239



# Previews

## White Background



This preview shows how the Decimal color 5074967 looks on a white background.

## Color Contrast Check

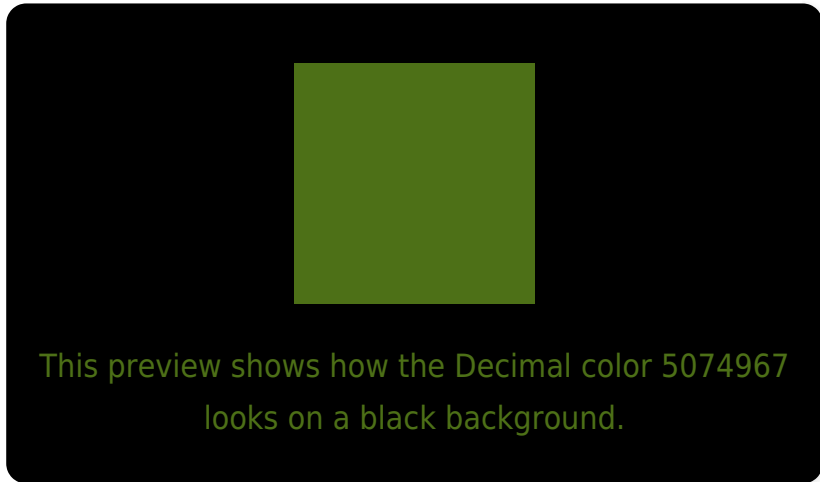
Large Text (above 18pt) WCAG AA ✓ Pass

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 5074967 Background



This preview shows how black text looks on a background with the Decimal color 5074967.



This preview shows how white text looks on a background with the Decimal color 5074967.

# 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**  
5074967

**Protanopia**  
7497236

**Deuteranopia**  
8347679



**Tritanopia**  
5793905

# Trichromacy



**Original Color**  
5074967

**Protanomaly**  
6646293

**Deuteranomaly**  
7169564

**Tritanomaly**  
5532496

# Monochromacy



**Original Color**  
5074967

**Achromatopsia**  
5987163

**Achromatomaly**  
5661506

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5074967 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 #4D7017 looks like.

```
.text, #text, p{  
    color:#4D7017  
}
```

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 #4D7017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7017  
}
```

## Border

The CSS property to change the border of an element to Decimal 5074967 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  
#4D7017 }
```

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

```
.border{ border-color:#4D7017 }
```

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

Here you see how a box with a 4 pixel #4D7017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7017; -webkit-box-shadow:4px 4px  
4px 4px #4D7017; box-shadow:4px 4px 4px  
4px #4D7017 }
```

# Background

The CSS property to change the background color of an element to Decimal 5074967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7017 }
```

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

```
.background{ background-color:#4D7017 }
```

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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