

# Converting Colors

Decimal(4880933)

Have a look what the booklet for  
Decimal(4880933) contains.

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**Color**

**Decimal(4880933)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A7A25
RGB	74, 122, 37
RGB Percent	29%, 48%, 15%
CMY	0.7098, 0.5216, 0.8549
CMYK	0.39, 0.00, 0.70, 0.52
HSL	94°, 53%, 31%
HSV	94°, 70%, 48%
XYZ	10.1175, 15.5085, 4.2105
YIQ	97.9580, -1.3230, -36.6110

# Conversions

## Conversions Part 2

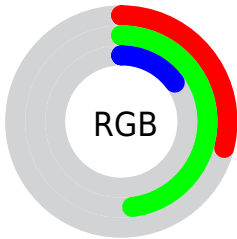
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 122, 85
Decimal	4880933
CIELab	46.32, -31.67, 39.82
CIElCh	46, 50.879, 128.495
Yxy	15.5085, 0.3391, 0.5198
Android (android.graphics.Color)	4283071013 (0xFF4A7A25)
YUV	97.9580, -30.0523, -21.0112
Hunter-Lab	39.3808, -23.0572, 21.2275

# Details

The Decimal color **4880933** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5580154**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8302423**, and **1460480** is the 20% darker color. If you saturate the color by 10%, you get **4422169**, and if you desaturate by 10%, it is **5339697**.

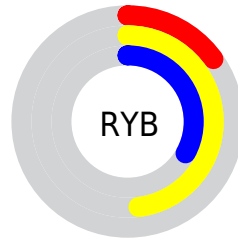
# Distribution



Red (29%)

Green (48%)

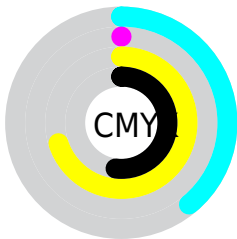
Blue (15%)



Red (15%)

Yellow (48%)

Blue (33%)

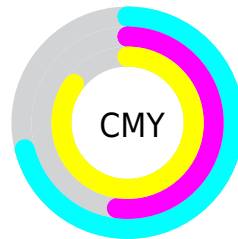


Cyan (39%)

Magenta (0%)

Yellow (70%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4880933 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 4880933 by changing the saturation by 10% instead.





4880933



4880933

16777215



3170569



8302423



1460480



10078832



12800



11921290



7680



13762469



0



15663041



16777181



16777210



4880933



4880933

■ 4422169

■ 5339697

■ 3963405

■ 5798461

■ 3504640

■ 6257226

■ 6715990

■ 7109218

■ 7567982

■ 8026746

■ 8485511

■ 8944275

# Harmonies

## Analogous

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



7893001



4880933



32845

# Triad

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



4880933



31677



12207203

# Complementary

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



4880933



5580154

# 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.



11160462



4880933



2060226

# Square

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



4880933



33186



8347057



11816507

# Rectangle

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



4880933



33386



8347057



12076146



# Sweetspot

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



4880933



9150077



8016933



4476731



13619151



5197647



# Same Dimension

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



4880933



5479961



2456105



3816759



3570944



7273472



# Inverse Universe

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



5580154



6560158



8004982



3880765



4653181



9371900



# Previews

## White Background



This preview shows how the Decimal color 4880933 looks on a white background.

## Color Contrast Check

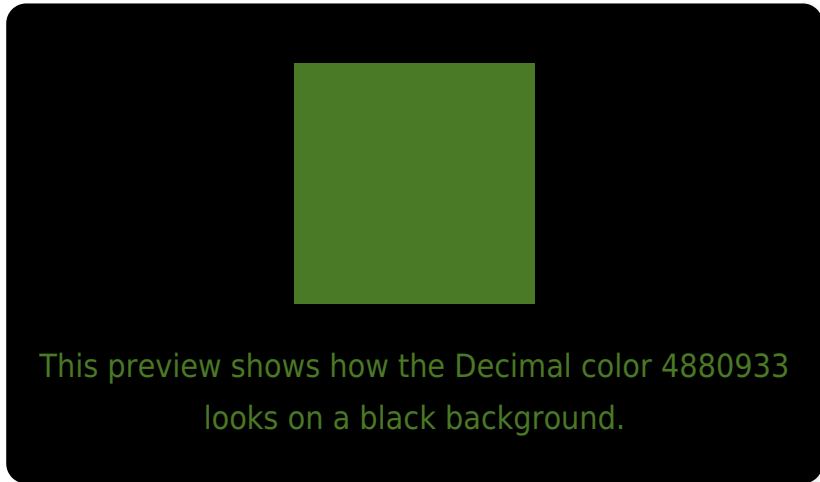
Large Text (above 18pt) WCAG AA ✓ Pass

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 4880933 Background



This preview shows how black text looks on a background with the Decimal color 4880933.



This preview shows how white text looks on a background with the Decimal color 4880933.

# 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**  
4880933

**Protanopia**  
8023586

**Deuteranopia**  
8939563



**Tritanopia**  
5730939

# Trichromacy



**Original Color**  
4880933

**Protanomaly**  
6910499

**Deuteranomaly**  
7434025

**Tritanomaly**  
5403996

# Monochromacy



**Original Color**  
4880933

**Achromatopsia**  
6447714

**Achromatomaly**  
5860172

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4880933 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 #4A7A25 looks like.

```
.text, #text, p{  
    color:#4A7A25  
}
```

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 #4A7A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7A25
}
```

## Border

The CSS property to change the border of an element to Decimal 4880933 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
#4A7A25 }
```

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

```
.border{ border-color:#4A7A25 }
```

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

Here you see how a box with a 4 pixel #4A7A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7A25; -webkit-box-shadow:4px 4px  
4px 4px #4A7A25; box-shadow:4px 4px 4px  
4px #4A7A25 }
```

# Background

The CSS property to change the background color of an element to Decimal 4880933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7A25 }
```

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

```
.background{ background-color:#4A7A25 }
```

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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