

# Converting Colors

Decimal(4879930)

Have a look what the booklet for  
Decimal(4879930) contains.

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**Color**

**Decimal(4879930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A763A
RGB	74, 118, 58
RGB Percent	29%, 46%, 23%
CMY	0.7098, 0.5373, 0.7725
CMYK	0.37, 0.00, 0.51, 0.54
HSL	104°, 34%, 35%
HSV	104°, 51%, 46%
XYZ	10.0662, 14.7182, 6.3133
YIQ	98.0040, -6.9640, -27.9880

# Conversions

## Conversions Part 2

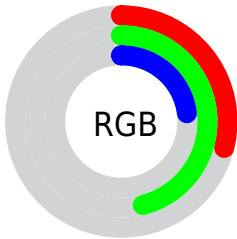
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 118, 102
Decimal	4879930
CIELab	45.25, -27.43, 28.19
CIELCh	45, 39.329, 134.219
Yxy	14.7182, 0.3237, 0.4733
Android (android.graphics.Color)	4283070010 (0xFF4A763A)
YUV	98.0040, -19.7220, -21.0515
Hunter-Lab	38.3643, -20.3019, 17.0981

# Details

The Decimal color **4879930** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6699638**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8235883**, and **1590540** is the 20% darker color. If you saturate the color by 10%, you get **4290094**, and if you desaturate by 10%, it is **5469766**.

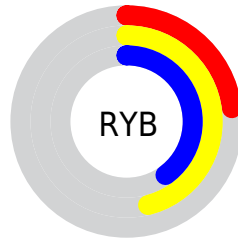
# Distribution



Red (29%)

Green (46%)

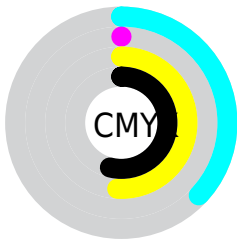
Blue (23%)



Red (23%)

Yellow (46%)

Blue (40%)

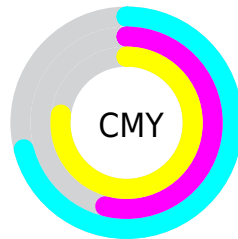


Cyan (37%)

Magenta (0%)

Yellow (51%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4879930 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 4879930 by changing the saturation by 10% instead.



 4879930

 4879930

16777215

 3235107

 8235883

 1590540

 10012292

 77312

 11788959

 6912

 13631418

 0

 15531990

 16777202

 4879930

 4879930

 4290094

 5469766

■ 3765794

■ 5994066

■ 3175959

■ 6583901

■ 2586123

■ 7173737

■ 2061824

■ 7698037

■ 8287873

■ 8877709

■ 9402008

■ 9991844

# Harmonies

## Analogous

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



7302696



4879930



162392

# Triad

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



4879930



29610



11030365

# Complementary

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



4879930



6699638

# 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.



10441086



4879930



5204395

# Square

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



4879930



31128



8477850



10573631

# Rectangle

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



4879930



31599



8477850



10964584



# Sweetspot

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



4879930



8952194



7759418



4345151



13421772



5066061



# Same Dimension

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



4879930



5609788



3831368



3554101



2193920



4454912



# Inverse Universe

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



6699638



8404121



7748200



3749179



5898362



11993338



# Previews

## White Background



This preview shows how the Decimal color 4879930 looks on a white background.

## Color Contrast Check

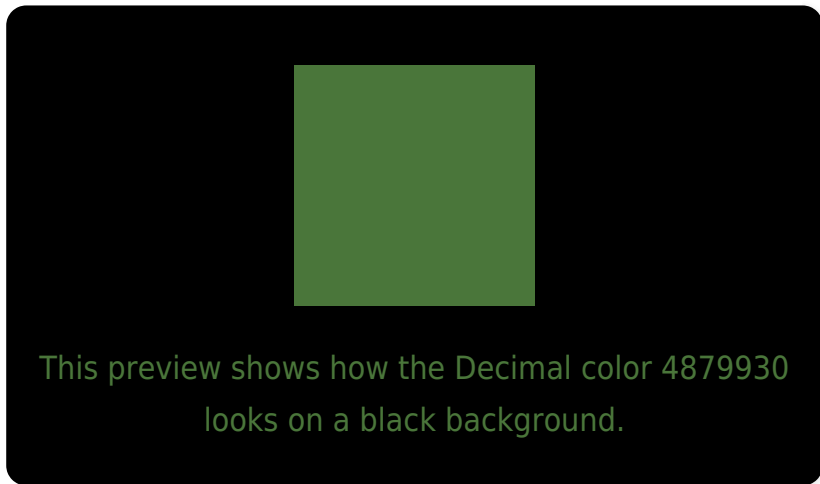
Large Text (above 18pt) WCAG AA ✓ Pass

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

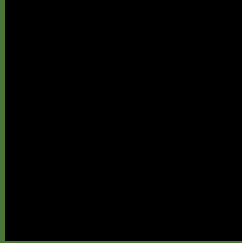
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4879930 Background



This preview shows how black text looks on a background with the Decimal color 4879930.



This preview shows how white text looks on a background with the Decimal color 4879930.

# 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**

4879930

**Protanopia**

7760694

**Deuteranopia**

8545854



**Tritanopia**  
5599096

# Trichromacy



**Original Color**  
4879930

**Protanomaly**  
6713143

**Deuteranomaly**  
7236669

**Tritanomaly**  
5337697

# Monochromacy



**Original Color**  
4879930

**Achromatopsia**  
6447714

**Achromatomaly**  
5859667

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4879930 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 #4A763A looks like.

```
.text, #text, p{  
    color:#4A763A  
}
```

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 #4A763A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A763A
}
```

## Border

The CSS property to change the border of an element to Decimal 4879930 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".

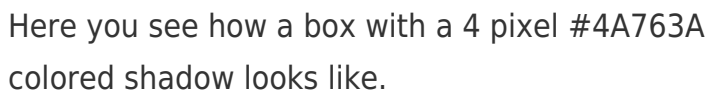
```
.border, #border, table{ border:4px solid
#4A763A }
```

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

```
.border{ border-color:#4A763A }
```

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

Here you see how a box with a 4 pixel #4A763A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A763A; -webkit-box-shadow:4px 4px  
4px 4px #4A763A; box-shadow:4px 4px 4px  
4px #4A763A }
```

# Background

The CSS property to change the background color of an element to Decimal 4879930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A763A }
```

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

```
.background{ background-color:#4A763A }
```

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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