

# Converting Colors

Decimal(4812083)

Have a look what the booklet for  
Decimal(4812083) contains.

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**Color**

**Decimal(4812083)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496D33
RGB	73, 109, 51
RGB Percent	29%, 43%, 20%
CMY	0.7137, 0.5725, 0.8000
CMYK	0.33, 0.00, 0.53, 0.57
HSL	97°, 36%, 31%
HSV	97°, 53%, 43%
XYZ	8.8138, 12.5928, 5.0981
YIQ	91.6240, -2.8380, -25.6700

# Conversions

## Conversions Part 2

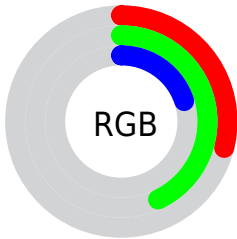
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 109, 87
Decimal	4812083
CIELab	42.14, -24.30, 28.16
CIELCh	42, 37.198, 130.793
Yxy	12.5928, 0.3325, 0.4751
Android (android.graphics.Color)	4283002163 (0xFF496D33)
YUV	91.6240, -20.0276, -16.3332
Hunter-Lab	35.4863, -17.7664, 16.3226

# Details

The Decimal color **4812083** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5714797**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8167779**, and **1654020** is the 20% darker color. If you saturate the color by 10%, you get **4353320**, and if you desaturate by 10%, it is **5270846**.

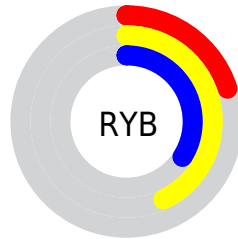
# Distribution



Red (29%)

Green (43%)

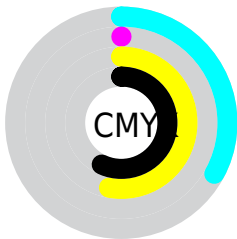
Blue (20%)



Red (20%)

Yellow (43%)

Blue (34%)

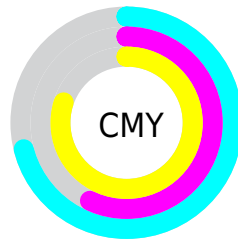


Cyan (33%)

Magenta (0%)

Yellow (53%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4812083 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 4812083 by changing the saturation by 10% instead.



 4812083

 4812083

16777215

 3232796

 8167779

 1654020

 9878652

 75520

 11655318

 3584

 13497521

 0

 15400909

 16777193

 4812083

 4812083

 4353320

 5270846

■ 3894557

■ 5729609

■ 3501330

■ 6122836

■ 3042567

■ 6581599

■ 2714880

■ 7040362

■ 7499124

■ 7892351

■ 8351114

■ 8809877

# Harmonies

## Analogous

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



6972708



4812083



1274190

# Triad

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



4812083



27805



10307930

# Complementary

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



4812083



5714797

# 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.



9522296



4812083



4350880

# Square

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



4812083



29067



7624594



9916221

# Rectangle

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



4812083



29539



7624594



10176868



# Sweetspot

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



4812083



8490872



7165747



4147002



13092807



4671303



# Same Dimension

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



4812083



5672755



3370298



3290672



2913536



6157568



# Inverse Universe

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



5714797



7091087



7156582



3420214



4784245



9961717



# Previews

## White Background



This preview shows how the Decimal color 4812083 looks on a white background.

## Color Contrast Check

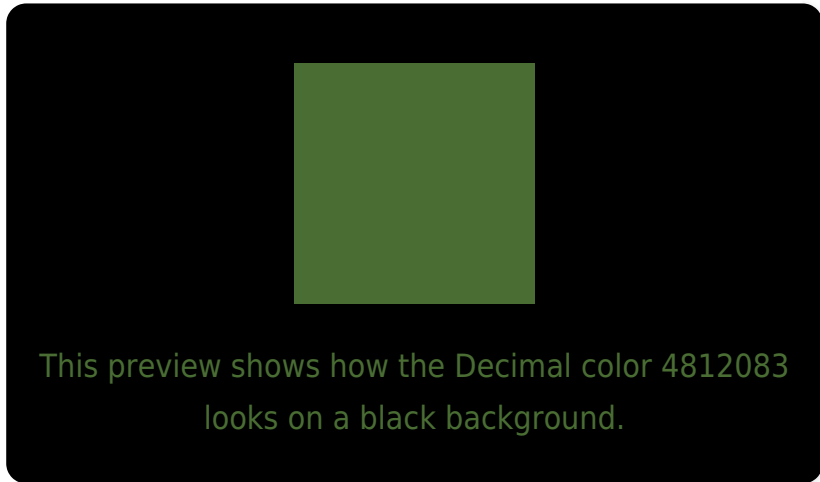
Large Text (above 18pt) WCAG AA ✓ Pass

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

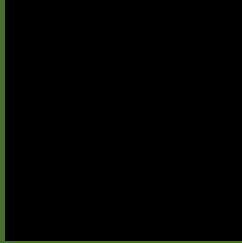
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4812083 Background



This preview shows how black text looks on a background with the Decimal color 4812083.



This preview shows how white text looks on a background with the Decimal color 4812083.

# 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**  
4812083

**Protanopia**  
7234352

**Deuteranopia**  
7954231



**Tritanopia**  
5400431

# Trichromacy



**Original Color**  
4812083

**Protanomaly**  
6383409

**Deuteranomaly**  
6841398

**Tritanomaly**  
5204313

# Monochromacy



**Original Color**  
4812083

**Achromatopsia**  
6052956

**Achromatomaly**  
5595725

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4812083 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 #496D33 looks like.

```
.text, #text, p{  
    color:#496D33  
}
```

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 #496D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496D33  
}
```

## Border

The CSS property to change the border of an element to Decimal 4812083 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".

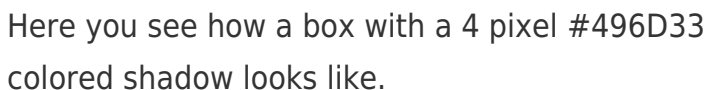
```
.border, #border, table{ border:4px solid  
#496D33 }
```

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

```
.border{ border-color:#496D33 }
```

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

Here you see how a box with a 4 pixel #496D33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496D33; -webkit-box-shadow:4px 4px  
4px 4px #496D33; box-shadow:4px 4px 4px  
4px #496D33 }
```

# Background

The CSS property to change the background color of an element to Decimal 4812083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496D33 }
```

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

```
.background{ background-color:#496D33 }
```

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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