

Converting Colors

Decimal(4812033)

Have a look what the booklet for
Decimal(4812033) contains.

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Color

Decimal(4812033)

Conversions

Conversions Part 1

Format	Color
Hex	496D01
RGB	73, 109, 1
RGB Percent	29%, 43%, 0%
CMY	0.7137, 0.5725, 0.9961
CMYK	0.33, 0.00, 0.99, 0.57
HSL	80°, 98%, 22%
HSV	80°, 99%, 43%
XYZ	8.2218, 12.3559, 1.9803
YIQ	85.9240, 13.2120, -41.2200

Conversions

Conversions Part 2

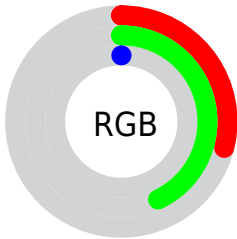
Format	Color
RYB	1, 109, 37
Decimal	4812033
CIELab	41.78, -27.91, 47.02
CIELCh	42, 54.676, 120.691
Yxy	12.3559, 0.3645, 0.5477
Android (android.graphics.Color)	4283002113 (0xFF496D01)
YUV	85.9240, -41.8675, -11.3343
Hunter-Lab	35.1510, -19.7634, 21.2655

Details

The Decimal color **4812033** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2425197**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8298812**, and **1391872** is the 20% darker color. If you saturate the color by 10%, you get **4812032**, and if you desaturate by 10%, it is **5074188**.

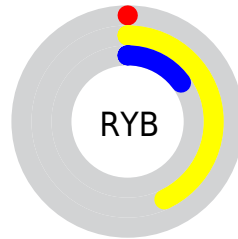
Distribution



Red (29%)

Green (43%)

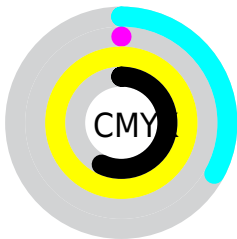
Blue (0%)



Red (0%)

Yellow (43%)

Blue (15%)

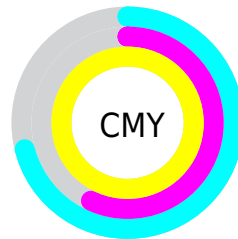


Cyan (33%)

Magenta (0%)

Yellow (99%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4812033 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 4812033 by changing the saturation by 10% instead.



4812033



4812033



16777211



3101696



8298812



1391872



10075222



9984



11917424



3072



13759627



0



15663014



16777154



16777182



4812033



4812033

■ 4812032

■ 5074188

■ 5270807

■ 5532962

■ 5795117

■ 5991735

■ 6253890

■ 6450509

■ 6712664

■ 6974819

Harmonies

Analogous

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



7758080



4812033



29748

Triad

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



4812033



29361



11546979

Complementary

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



4812033



2425197

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.



10043535



4812033



26813

Square

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



4812033



30351



6379185



11418167

Rectangle

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



4812033



30291



6379185



11220083

Sweetspot

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



4812033



8490852



7152897



4146990



13092807



4671303

Same Dimension

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



4812033



6262528



1273089



3421744



5141760



10745088

Inverse Universe

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



2425197



3145871



5964141



3289142



2556021



5374197

Previews

White Background



This preview shows how the Decimal color 4812033 looks on a white background.

Color Contrast Check

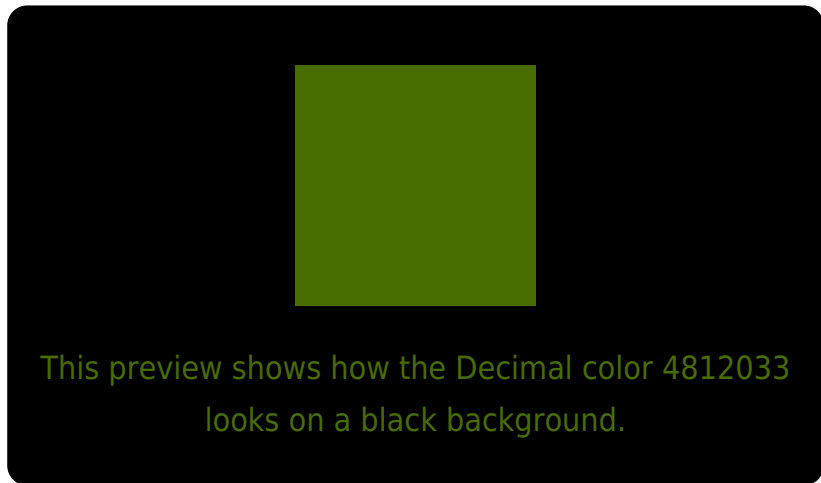
Large Text (above 18pt) WCAG AA ✓ Pass

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 4812033 Background



This preview shows how black text looks on a background with the Decimal color 4812033.



This preview shows how white text looks on a background with the Decimal color 4812033.

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

4812033

Protanopia

7299840

Deuteranopia

8150293

Trichromacy



Original Color
4812033

Protanomaly
6383360

Deuteranomaly
6906638

Tritanomaly
5269574

Monochromacy



Original Color
4812033

Achromatopsia
5658198

Achromatomaly
5332535

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4812033 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 #496D01 looks like.

```
.text, #text, p{  
    color:#496D01  
}
```

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 #496D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496D01
}
```

Border

The CSS property to change the border of an element to Decimal 4812033 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
#496D01 }
```

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

```
.border{ border-color:#496D01 }
```

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

Here you see how a box with a 4 pixel #496D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496D01; -webkit-box-shadow:4px 4px  
4px 4px #496D01; box-shadow:4px 4px 4px  
4px #496D01 }
```

Background

The CSS property to change the background color of an element to Decimal 4812033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496D01 }
```

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

```
.background{ background-color:#496D01 }
```

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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