

Converting Colors

Decimal(4872501)

Have a look what the booklet for
Decimal(4872501) contains.

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Color

Decimal(4872501)

Conversions

Conversions Part 1

Format	Color
Hex	4A5935
RGB	74, 89, 53
RGB Percent	29%, 35%, 21%
CMY	0.7098, 0.6510, 0.7922
CMYK	0.17, 0.00, 0.40, 0.65
HSL	85°, 25%, 28%
HSV	85°, 40%, 35%
XYZ	7.0390, 8.8576, 4.7069
YIQ	80.4110, 2.6160, -14.3760

Conversions

Conversions Part 2

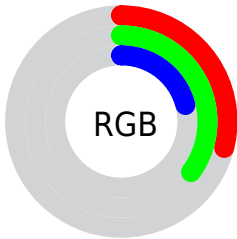
Format	Color
RYB	53, 89, 68
Decimal	4872501
CIELab	35.71, -12.91, 18.96
CIElCh	36, 22.939, 124.251
Yxy	8.8576, 0.3416, 0.4299
Android (android.graphics.Color)	4283062581 (0xFF4A5935)
YUV	80.4110, -13.5136, -5.6224
Hunter-Lab	29.7618, -9.8657, 11.4565

Details

The Decimal color **4872501** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4470105**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **8096612**, and **1911561** is the 20% darker color. If you saturate the color by 10%, you get **4610348**, and if you desaturate by 10%, it is **5134654**.

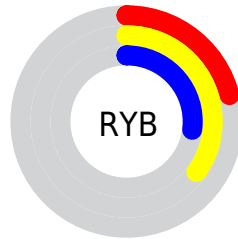
Distribution



Red (29%)

Green (35%)

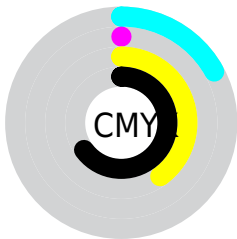
Blue (21%)



Red (21%)

Yellow (35%)

Blue (27%)

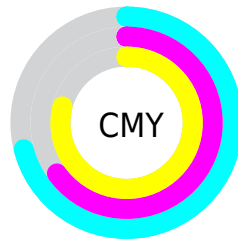


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4872501 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 4872501 by changing the saturation by 10% instead.

■ 4872501

■ 4872501

16777215

■ 3359263

■ 8096612

■ 1911561

■ 9807229

■ 6144

■ 11583895

■ 0

■ 13425842

■ 15268302

■ 16777194

■ 4872501

■ 4872501

■ 4610348

■ 5134654

■ 4413731

■ 5331271

■ 4151578

■ 5593424

■ 3889425

■ 5855577

■ 3627273

■ 6117730

■ 3430656

■ 6314346

■ 6576499

■ 6838652

■ 7035269

Harmonies

Analogous

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



6181935



4872501



3431491

Triad

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



4872501



1858165



7816786

Complementary

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



4872501



4470105

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.



7161956



4872501



4085112

Square

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



4872501



154984



5918322



7751744

Rectangle

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



4872501



2317904



5918322



7685720

Sweetspot

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



4872501



7172965



5850165



3619634



12237498



3881787

Same Dimension

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



4872501



5993275



3758389



2763559



4090624



9038592

Inverse Universe

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



4470105



5389171



5649753



2697003



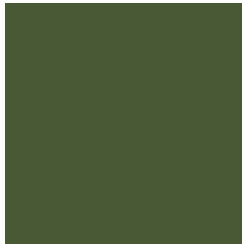
2949227



6422763

Previews

White Background



This preview shows how the Decimal color 4872501 looks on a white background.

Color Contrast Check

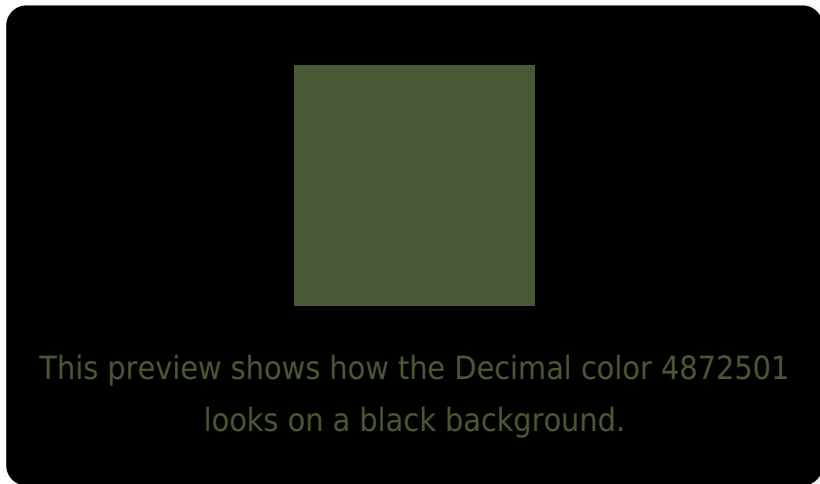
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

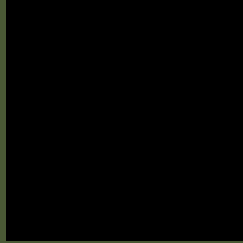
Any Text WCAG AA × Fail

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 4872501 Background



This preview shows how black text looks on a background with the Decimal color 4872501.



This preview shows how white text looks on a background with the Decimal color 4872501.

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


4872501

Protanopia

6050867

Deuteranopia

6639671



Tritanopia
5198939

Trichromacy



Original Color
4872501

Protanomaly
5592628

Deuteranomaly
5985078

Tritanomaly
5068365

Monochromacy



Original Color
4872501

Achromatopsia
5263440

Achromatomaly
5133126

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4872501 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 #4A5935 looks like.

```
.text, #text, p{  
    color:#4A5935  
}
```

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 #4A5935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5935
}
```

Border

The CSS property to change the border of an element to Decimal 4872501 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
#4A5935 }
```

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

```
.border{ border-color:#4A5935 }
```

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

Here you see how a box with a 4 pixel #4A5935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5935; -webkit-box-shadow:4px 4px  
4px 4px #4A5935; box-shadow:4px 4px 4px  
4px #4A5935 }
```

Background

The CSS property to change the background color of an element to Decimal 4872501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5935 }
```

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

```
.background{ background-color:#4A5935 }
```

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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