

Converting Colors

Decimal(4940337)

Have a look what the booklet for
Decimal(4940337) contains.

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Color

Decimal(4940337)

Conversions

Conversions Part 1

Format	Color
Hex	4B6231
RGB	75, 98, 49
RGB Percent	29%, 38%, 19%
CMY	0.7059, 0.6157, 0.8078
CMYK	0.23, 0.00, 0.50, 0.62
HSL	88°, 33%, 29%
HSV	88°, 50%, 38%
XYZ	7.8237, 10.4530, 4.5110
YIQ	85.5370, 2.0210, -20.1150

Conversions

Conversions Part 2

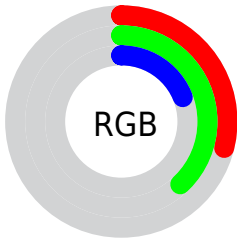
Format	Color
RYB	49, 98, 72
Decimal	4940337
CIELab	38.64, -18.03, 25.01
CIElCh	39, 30.831, 125.791
Yxy	10.4530, 0.3433, 0.4587
Android (android.graphics.Color)	4283130417 (0xFF4B6231)
YUV	85.5370, -18.0127, -9.2409
Hunter-Lab	32.3311, -13.3846, 14.3593

Details

The Decimal color **4940337** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4731234**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8230240**, and **1913603** is the 20% darker color. If you saturate the color by 10%, you get **4612647**, and if you desaturate by 10%, it is **5268027**.

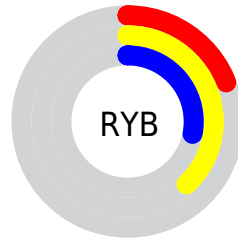
Distribution



Red (29%)

Green (38%)

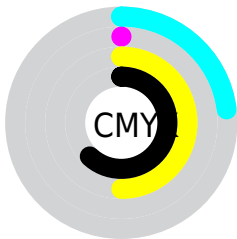
Blue (19%)



Red (19%)

Yellow (38%)

Blue (28%)

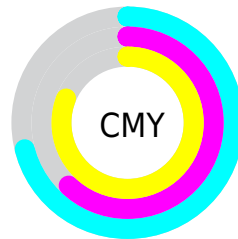


Cyan (23%)

Magenta (0%)

Yellow (50%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4940337 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 4940337 by changing the saturation by 10% instead.



4940337



4940337

16777215



3361307



8230240



1913603



9941113



139008



11717523



0



13559726



15400906



16777190



4940337



4940337



4612647



5268027

■ 4350493

■ 5530181

■ 4022804

■ 5857870

■ 3760650

■ 6120024

■ 3432960

■ 6447714

■ 6775404

■ 7037558

■ 7365247

■ 7627401

Harmonies

Analogous

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



6642472



4940337



2713158

Triad

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



4940337



25480



9061975

Complementary

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



4940337



4731234

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.



8276592



4940337



3824781

Square

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



4940337



26487



6509444



8931903

Rectangle

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



4940337



26710



6509444



8865376

Sweetspot

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



4940337



7831660



6441009



3817524



12566463



4210752

Same Dimension

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



4940337



6062131



3367473



3026988



3960832



8384512

Inverse Universe

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



4731234



5714816



6304098



3025968



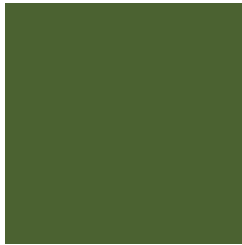
3473520



7405808

Previews

White Background



This preview shows how the Decimal color 4940337 looks on a white background.

Color Contrast Check

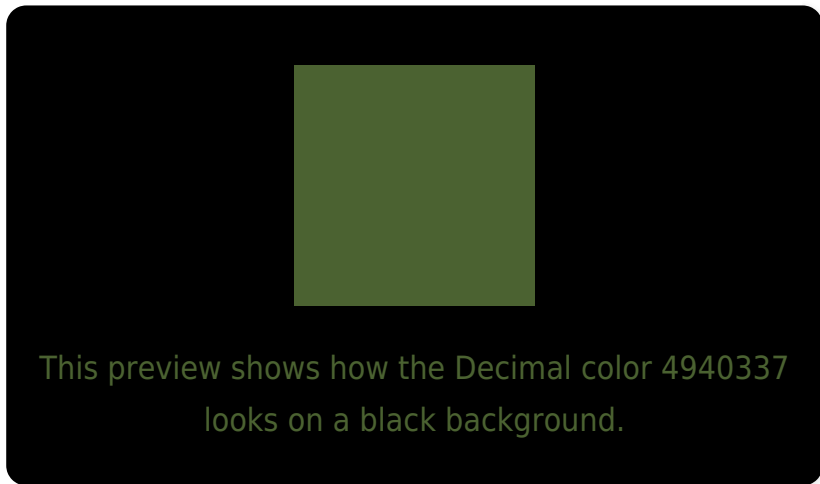
Large Text (above 18pt) WCAG AA ✓ Pass

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

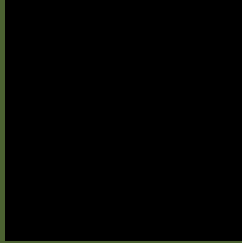
Any Text WCAG AA × Fail

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 4940337 Background



This preview shows how black text looks on a background with the Decimal color 4940337.



This preview shows how white text looks on a background with the Decimal color 4940337.

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
4940337

Protanopia
6576943

Deuteranopia
7296820



Tritanopia
5397604

Trichromacy



Original Color
4940337

Protanomaly
5987888

Deuteranomaly
6445875

Tritanomaly
5201489

Monochromacy



Original Color
4940337

Achromatopsia
5658198

Achromatomaly
5397065

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4940337 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 #4B6231 looks like.

```
.text, #text, p{  
    color:#4B6231  
}
```

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 #4B6231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6231
}
```

Border

The CSS property to change the border of an element to Decimal 4940337 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
#4B6231 }
```

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

```
.border{ border-color:#4B6231 }
```

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

Here you see how a box with a 4 pixel #4B6231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6231; -webkit-box-shadow:4px 4px  
4px 4px #4B6231; box-shadow:4px 4px 4px  
4px #4B6231 }
```

Background

The CSS property to change the background color of an element to Decimal 4940337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6231 }
```

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

```
.background{ background-color:#4B6231 }
```

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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