

Converting Colors

Decimal(4147249)

Have a look what the booklet for
Decimal(4147249) contains.

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Color

Decimal(4147249)

Conversions

Conversions Part 1

Format	Color
Hex	3F4831
RGB	63, 72, 49
RGB Percent	25%, 28%, 19%
CMY	0.7529, 0.7176, 0.8078
CMYK	0.12, 0.00, 0.32, 0.72
HSL	83°, 19%, 24%
HSV	83°, 32%, 28%
XYZ	4.9216, 5.9132, 3.7877
YIQ	66.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

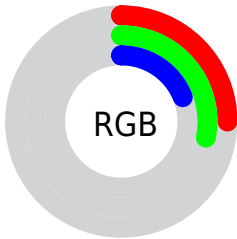
Format	Color
RYB	49, 72, 58
Decimal	4147249
CIELab	29.19, -8.43, 12.63
CIELCh	29, 15.186, 123.728
Yxy	5.9132, 0.3366, 0.4044
Android (android.graphics.Color)	4282337329 (0xFF3F4831)
YUV	66.6870, -8.7197, -3.2335
Hunter-Lab	24.3172, -6.4277, 7.7869

Details

The Decimal color **4147249** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3813704**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **7305311**, and **1448962** is the 20% darker color. If you saturate the color by 10%, you get **3950634**, and if you desaturate by 10%, it is **4343864**.

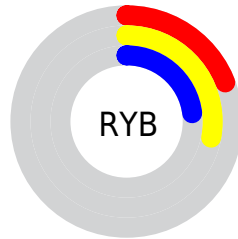
Distribution



Red (25%)

Green (28%)

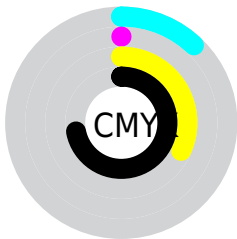
Blue (19%)



Red (19%)

Yellow (28%)

Blue (23%)

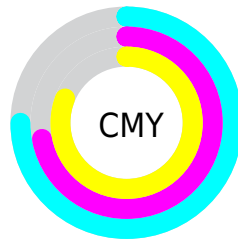


Cyan (12%)

Magenta (0%)

Yellow (32%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4147249 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 4147249 by changing the saturation by 10% instead.



4147249



4147249

16777215



2699804



7305311



1448962



8950392



0



10726802



12503212



14345416



16187364



4147249



4147249



3950634



4343864

■ 3754019

■ 4540479

■ 3622939

■ 4671559

■ 3426324

■ 4868174

■ 3229709

■ 5064789

■ 3033094

■ 5261404

■ 2902016

■ 5458019

■ 5654635

■ 5785714

Harmonies

Analogous

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



4998445



4147249



3230266

Triad

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



4147249



2640218



6044740

Complementary

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



4147249



3813704

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.



5586511



4147249



3687772

Square

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



4147249



2116433



4735320



6044984

Rectangle

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



4147249



2706242



4735320



5913672

Sweetspot

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



4147249



5987925



4733489



3026987



11579568



3158064

Same Dimension

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



4147249



5267002



3426353



2237472



4023040



9102080

Inverse Universe

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



3813704



4799070



4534600



2236452



2556003



5832931

Previews

White Background



This preview shows how the Decimal color 4147249 looks on a white background.

Color Contrast Check

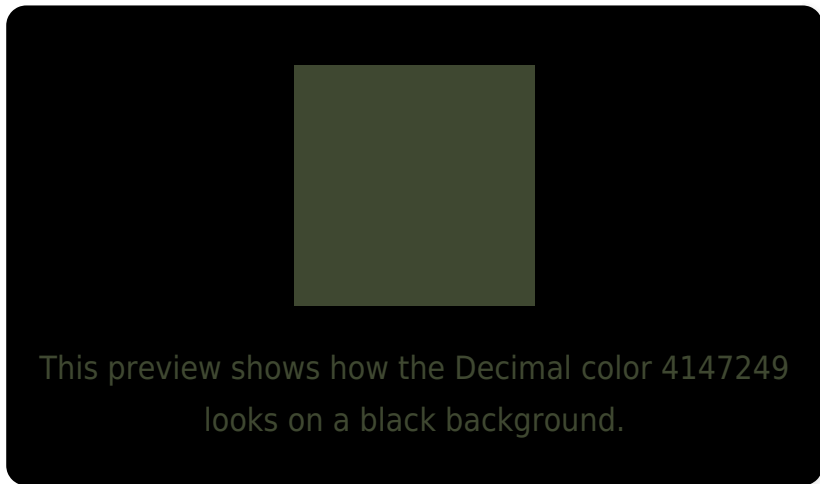
Large Text (above 18pt) WCAG AA ✓ Pass

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

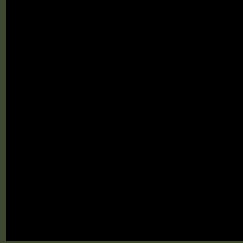
Any Text WCAG AA × Fail

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 4147249 Background



This preview shows how black text looks on a background with the Decimal color 4147249.

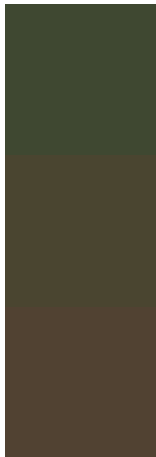


This preview shows how white text looks on a background with the Decimal color 4147249.

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
4147249

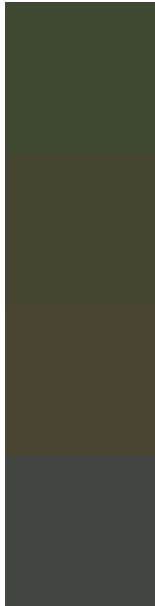
Protanopia
4867376

Deuteranopia
5325362



Tritanopia
4408650

Trichromacy



Original Color

4147249

Protanomaly

4605488

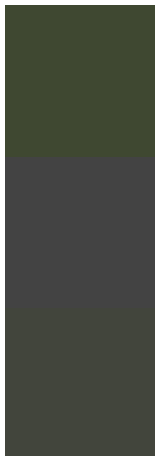
Deuteranomaly

4867122

Tritanomaly

4343361

Monochromacy



Original Color

4147249

Achromatopsia

4408131

Achromatomaly

4343100

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4147249 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 #3F4831 looks like.

```
.text, #text, p{  
  color:#3F4831  
}
```

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 #3F4831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4831
}
```

Border

The CSS property to change the border of an element to Decimal 4147249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

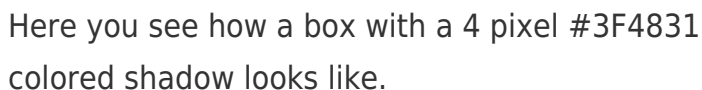
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4831 }
```

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

```
.border{ border-color:#3F4831 }
```

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



Here you see how a box with a 4 pixel #3F4831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4831; -webkit-box-shadow:4px 4px  
4px 4px #3F4831; box-shadow:4px 4px 4px  
4px #3F4831 }
```

Background

The CSS property to change the background color of an element to Decimal 4147249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4831 }
```

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

```
.background{ background-color:#3F4831 }
```

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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