

# Converting Colors

Decimal(4346949)

Have a look what the booklet for  
Decimal(4346949) contains.

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# Color

**Decimal(4346949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	425445
RGB	66, 84, 69
RGB Percent	26%, 33%, 27%
CMY	0.7412, 0.6706, 0.7294
CMYK	0.21, 0.00, 0.18, 0.67
HSL	130°, 12%, 29%
HSV	130°, 21%, 33%
XYZ	6.4913, 7.9286, 6.8185
YIQ	76.9080, -5.9130, -8.4810

# Conversions

## Conversions Part 2

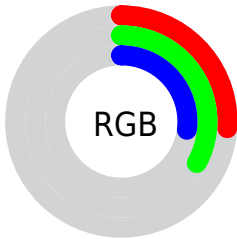
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 81, 84</a>
Decimal	<a href="#">4346949</a>
CIELab	<a href="#">33.83, -10.42, 6.50</a>
CIELCh	<a href="#">34, 12.282, 148.056</a>
Yxy	<a href="#">7.9286, 0.3056, 0.3733</a>
Android (android.graphics.Color)	<a href="#">4282537029 (0xFF425445)</a>
YUV	<a href="#">76.9080, -3.8986, -9.5663</a>
Hunter-Lab	<a href="#">28.1577, -8.1260, 5.3532</a>

# Details

The Decimal color **4346949** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5522001**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7505525**, and **1517338** is the 20% darker color. If you saturate the color by 10%, you get **3822654**, and if you desaturate by 10%, it is **4871244**.

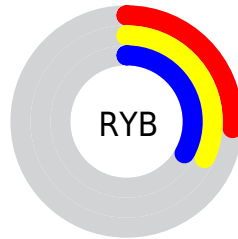
# Distribution



 Red (26%)

 Green (33%)

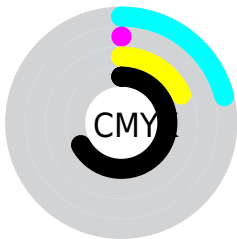
 Blue (27%)



 Red (26%)

 Yellow (32%)

 Blue (33%)

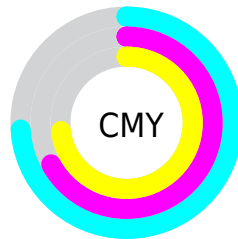


 Cyan (21%)

 Magenta (0%)

 Yellow (18%)

 Black (67%)



 Cyan (74%)

 Magenta (67%)

 Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4346949 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 4346949 by changing the saturation by 10% instead.





4346949



4346949

16777215



2899247



7505525



1517338



9216143



4864



10927017



0



12703684



14545888



16449533



4346949



4346949



3822654



4871244

■ 3232823

■ 5461075

■ 2708528

■ 5985370

■ 2118697

■ 6575201

■ 1594402

■ 7099496

■ 1070107

■ 7623791

■ 480276

■ 8213622

■ 21518

■ 8737917

■ 9327748

# Harmonies

## Analogous

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



5067326



4346949



3757391

# Triad

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



4346949



4411747



6572359

# Complementary

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



4346949



5522001

# 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.



6441297



4346949



5262689

# Square

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



4346949



3691360



6048346



6310719

# Rectangle

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



4346949



3495253



6048346



6572362



# Sweetspot

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



4346949



6778472



5329986



3422261



12105912



3684408



# Same Dimension

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



4346949



5336662



4346958



2435365



26897



59431



# Inverse Universe

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



5522001



7229801



5521992



2696488



6881367

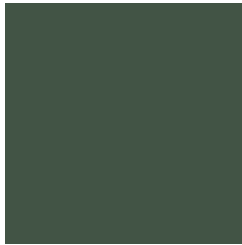


15204545



# Previews

## White Background



This preview shows how the Decimal color 4346949 looks on a white background.

## Color Contrast Check

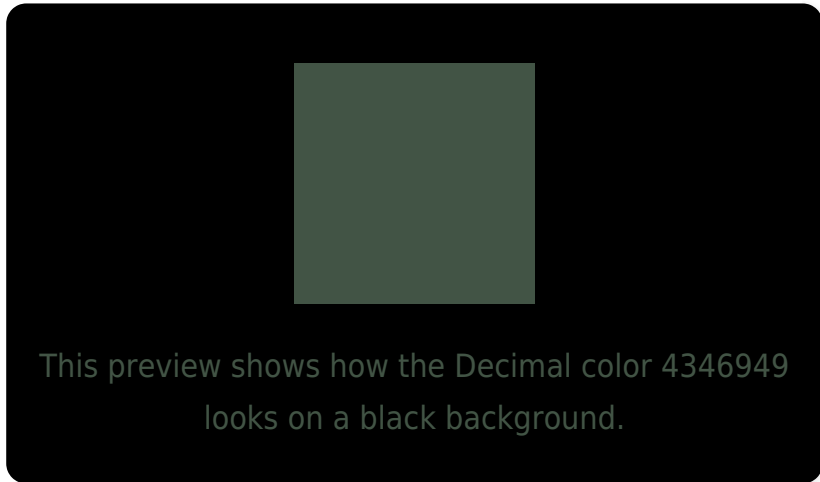
Large Text (above 18pt) WCAG AA ✓ Pass

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

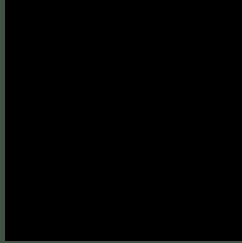
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4346949 Background



This preview shows how black text looks on a background with the Decimal color 4346949.

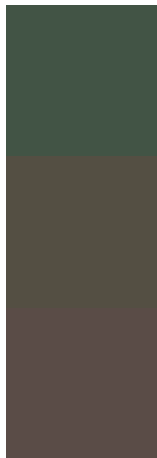


This preview shows how white text looks on a background with the Decimal color 4346949.

# 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**  
4346949

**Protanopia**  
5525315

**Deuteranopia**  
5917767



**Tritanopia**  
4542808

# Trichromacy



**Original Color**

4346949

**Protanomaly**

5067076

**Deuteranomaly**

5328710

**Tritanomaly**

4477521

# Monochromacy



**Original Color**

4346949

**Achromatopsia**

5066061

**Achromatomaly**

4804682

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4346949 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 #425445 looks like.

```
.text, #text, p{  
    color:#425445  
}
```

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 #425445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425445
}
```

## Border

The CSS property to change the border of an element to Decimal 4346949 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
#425445 }
```

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

```
.border{ border-color:#425445 }
```

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

Here you see how a box with a 4 pixel #425445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425445; -webkit-box-shadow:4px 4px  
4px 4px #425445; box-shadow:4px 4px 4px  
4px #425445 }
```

# Background

The CSS property to change the background color of an element to Decimal 4346949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425445 }
```

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

```
.background{ background-color:#425445 }
```

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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