

Converting Colors

Decimal(4342338)

Have a look what the booklet for
Decimal(4342338) contains.

Decimal(4342338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	13
<i>Color Blindness Simulation</i>	16
<i>CSS Examples</i>	19

Color

Decimal(4342338)

Conversions

Conversions Part 1

Format	Color
Hex	424242
RGB	66, 66, 66
RGB Percent	26%, 26%, 26%
CMY	0.7412, 0.7412, 0.7412
CMYK	0.00, 0.00, 0.00, 0.74
HSL	0°, 0%, 26%
HSV	0°, 0%, 26%
XYZ	5.1784, 5.4480, 5.9329
YIQ	66.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	66, 66, 66
Decimal	4342338
CIE Lab	27.97, 0.00, -0.00
CIE LCh	28, 0.004, 296.813
Yxy	5.4480, 0.3127, 0.3290
Android (android.graphics.Color)	4282532418 (0xFF424242)
YUV	66.0000, 0.0000, 0.0000
Hunter-Lab	23.3410, -1.2454, 1.2682

Details

The Decimal color **4342338** is a dark color, and the **websafe** version is hex **333333**. A complement of this color would be **4342338**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7500402**, and **1513239** is the 20% darker color. If you saturate the color by 10%, you get **4340539**, and if you desaturate by 10%, it is **4344137**.

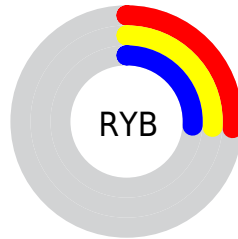
Distribution



Red (26%)

Green (26%)

Blue (26%)



Red (26%)

Yellow (26%)

Blue (26%)

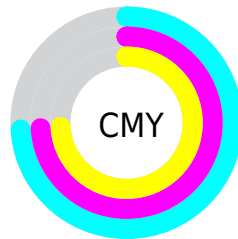


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (74%)



Cyan (74%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4342338 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 4342338 by changing the saturation by 10% instead.

4342338
5855577
7500402
9145227
10921638
12698049
14540253
16382457
16777215

4342338
2894892
1513239
0

4342338
4340539
4338997
4337198
4335656
4333857
4332058

4342338
4344137
4345679
4347478
4349020
4350819
4352618

■ 4330516

■ 4354160

■ 4328717

■ 4355959

■ 4327175

■ 4357501

Harmonies

Sweetspot

The sweet spot groups the original color and five complimentary colors.



4342338



5723991



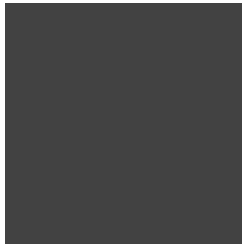
2829099



11250603

Previews

White Background



This preview shows how the Decimal color 4342338 looks on a white background.

Color Contrast Check

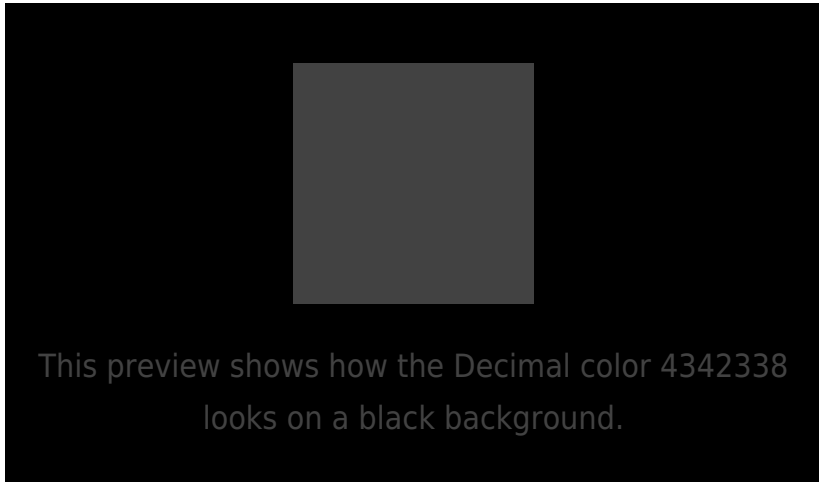
Large Text (above 18pt) WCAG AA ✓ Pass

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

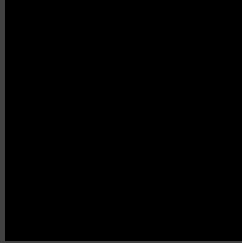
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

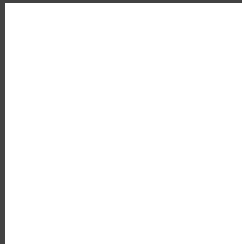
Any Text WCAG AAA × Fail

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

Decimal 4342338 Background



This preview shows how black text looks on a background with the Decimal color 4342338.

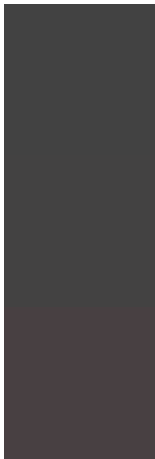


This preview shows how white text looks on a background with the Decimal color 4342338.

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
4342338

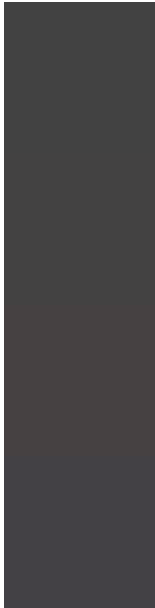
Protanopia
4407874

Deuteranopia
4735042



Tritanopia
4407622

Trichromacy



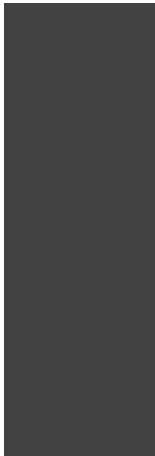
Original Color
4342338

Protanomaly
4407874

Deuteranomaly
4604226

Tritanomaly
4407621

Monochromacy



Original Color
4342338

Achromatopsia
4342338

Achromatomaly
4342338

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4342338 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 #424242 looks like.

```
.text, #text, p{  
  color:#424242  
}
```

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 #424242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424242
}
```

Border

The CSS property to change the border of an element to Decimal 4342338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

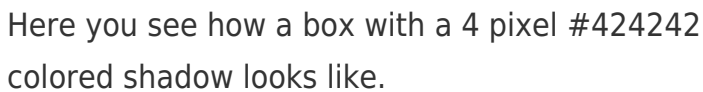
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424242 }
```

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

```
.border{ border-color:#424242 }
```

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



Here you see how a box with a 4 pixel #424242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424242; -webkit-box-shadow:4px 4px  
4px 4px #424242; box-shadow:4px 4px 4px  
4px #424242 }
```

Background

The CSS property to change the background color of an element to Decimal 4342338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424242 }
```

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

```
.background{ background-color:#424242 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor