

Converting Colors

Decimal(5333833)

Have a look what the booklet for
Decimal(5333833) contains.

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Color

Decimal(5333833)

Conversions

Conversions Part 1

Format	Color
Hex	516349
RGB	81, 99, 73
RGB Percent	32%, 39%, 29%
CMY	0.6824, 0.6118, 0.7137
CMYK	0.18, 0.00, 0.26, 0.61
HSL	102°, 15%, 34%
HSV	102°, 26%, 39%
XYZ	9.0578, 11.1541, 7.9789
YIQ	90.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

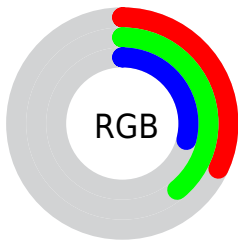
Format	Color
RYB	73, 99, 91
Decimal	5333833
CIELab	39.84, -12.30, 12.58
CIElCh	40, 17.595, 134.356
Yxy	11.1541, 0.3213, 0.3957
Android (android.graphics.Color)	4283523913 (0xFF516349)
YUV	90.6540, -8.7034, -8.4666
Hunter-Lab	33.3977, -10.0350, 9.2137

Details

The Decimal color **5333833** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5982563**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8623738**, and **2372637** is the 20% darker color. If you saturate the color by 10%, you get **4875071**, and if you desaturate by 10%, it is **5792595**.

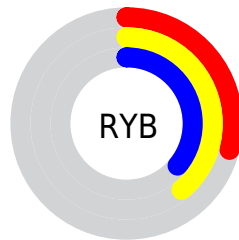
Distribution



Red (32%)

Green (39%)

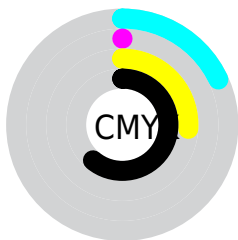
Blue (29%)



Red (29%)

Yellow (39%)

Blue (36%)

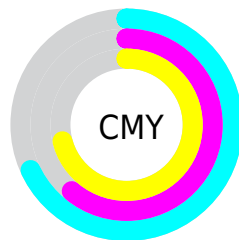


Cyan (18%)

Magenta (0%)

Yellow (26%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5333833 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 5333833 by changing the saturation by 10% instead.

■ 5333833

■ 5333833

16777215

■ 3820338

■ 8623738

■ 2372637

■ 10334612

■ 1056517

■ 12111022

■ 0

■ 13953226

■ 15794150

■ 5333833

■ 5333833

■ 4875071

■ 5792595

■ 4416309

■ 6251357

■ 3957547

■ 6710119

■ 3564321

■ 7103345

■ 3105560

■ 7562107

■ 2646798

■ 8020868

■ 2188036

■ 8479630

■ 1991424

■ 8938392

■ 9397154

Harmonies

Analogous

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



6381378



5333833



4285782

Triad

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



5333833



4350329



8082263

Complementary

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



5333833



5982563

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.



7754854



5333833



5660025

Square

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



5333833



3433841



6903922



7886410

Rectangle

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



5333833



3696224



6903922



8016732

Sweetspot

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



5333833



7897205



6511433



3883065



12566463



4210752

Same Dimension

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



5333833



6520919



4809550



2961452



2322432



4911104

Inverse Universe

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



5982563



7559040



6506846



3091504



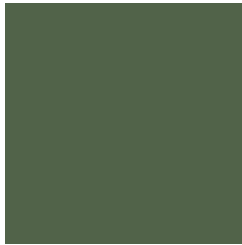
5111920



10879216

Previews

White Background



This preview shows how the Decimal color 5333833 looks on a white background.

Color Contrast Check

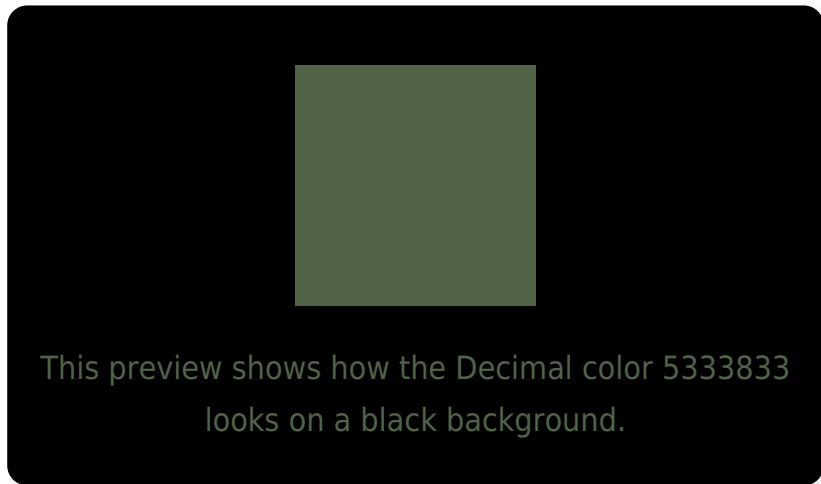
Large Text (above 18pt) WCAG AA ✓ Pass

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

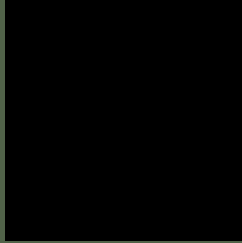
Any Text WCAG AA × Fail

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 5333833 Background



This preview shows how black text looks on a background with the Decimal color 5333833.



This preview shows how white text looks on a background with the Decimal color 5333833.

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](#).

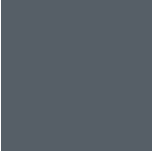
Dichromacy



Original Color
5333833

Protanopia
6577735

Deuteranopia
7166539



Tritanopia
5660519

Trichromacy



Original Color
5333833

Protanomaly
6119496

Deuteranomaly
6511946

Tritanomaly
5529692

Monochromacy



Original Color
5333833

Achromatopsia
5987163

Achromatomaly
5725780

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5333833 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 #516349 looks like.

```
.text, #text, p{  
  color:#516349  
}
```

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 #516349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516349
}
```

Border

The CSS property to change the border of an element to Decimal 5333833 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".

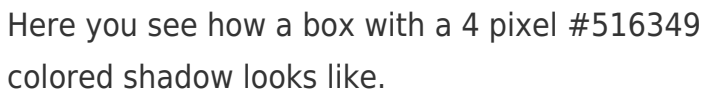
```
.border, #border, table{ border:4px solid
#516349 }
```

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

```
.border{ border-color:#516349 }
```

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

Here you see how a box with a 4 pixel #516349 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516349; -webkit-box-shadow:4px 4px  
4px 4px #516349; box-shadow:4px 4px 4px  
4px #516349 }
```

Background

The CSS property to change the background color of an element to Decimal 5333833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516349 }
```

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

```
.background{ background-color:#516349 }
```

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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