

# Converting Colors

Decimal(5335885)

Have a look what the booklet for  
Decimal(5335885) contains.

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# Color

**Decimal(5335885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	516B4D
RGB	81, 107, 77
RGB Percent	32%, 42%, 30%
CMY	0.6824, 0.5804, 0.6980
CMYK	0.24, 0.00, 0.28, 0.58
HSL	112°, 16%, 36%
HSV	112°, 28%, 42%
XYZ	9.9906, 12.8005, 8.9654
YIQ	95.8060, -5.8660, -14.8420

# Conversions

## Conversions Part 2

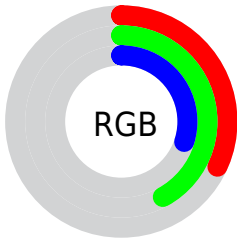
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 107, 103
Decimal	5335885
CIELab	42.46, -16.02, 13.79
CIElCh	42, 21.134, 139.285
Yxy	12.8005, 0.3146, 0.4031
Android (android.graphics.Color)	4283525965 (0xFF516B4D)
YUV	95.8060, -9.2714, -12.9849
Hunter-Lab	35.7778, -12.7670, 10.1873

# Details

The Decimal color **5335885** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6770027**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8625790**, and **2308897** is the 20% darker color. If you saturate the color by 10%, you get **4746050**, and if you desaturate by 10%, it is **5925720**.

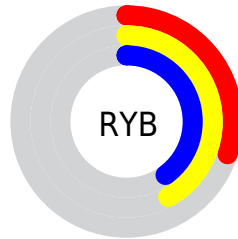
# Distribution



Red (32%)

Green (42%)

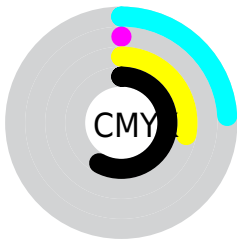
Blue (30%)



Red (30%)

Yellow (42%)

Blue (40%)

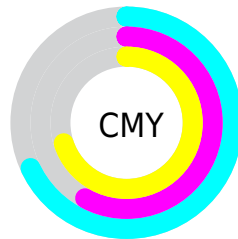


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5335885 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 5335885 by changing the saturation by 10% instead.





5335885



5335885

16777215



3822390



8625790



2308897



10336664



927243



12113331



4096



13955790



0



15794155



5335885



5335885



4746050



5925720



4090680



6581090

■ 3500845

■ 7170925

■ 2911010

■ 7760760

■ 2321175

■ 8350595

■ 1665805

■ 9005965

■ 1075970

■ 9595800

■ 944896

■ 10185635

■ 10775469

# Harmonies

## Analogous

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



6645571



5335885



4025693

# Triad

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



5335885



4483206



8869978

# Complementary

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



5335885



6770027

# 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.



8607851



5335885



6185605

# Square

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



5335885



3107966



7625851



8543051

# Rectangle

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



5335885



3239529



7625851



8869727



# Sweetspot

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



5335885



8621185



7038797



4278080



13092807



4671303



# Same Dimension

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



5335885



6523997



5073752



3225136



1078528



2225408



# Inverse Universe

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



6770027



8805772



7032160



3485750



6684789

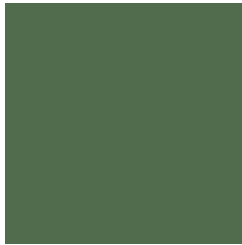


13893877



# Previews

## White Background



This preview shows how the Decimal color 5335885 looks on a white background.

## Color Contrast Check

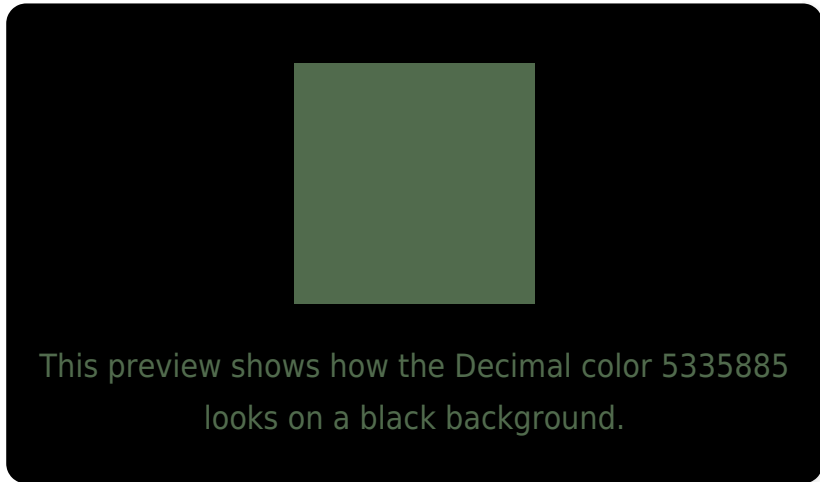
Large Text (above 18pt) WCAG AA ✓ Pass

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

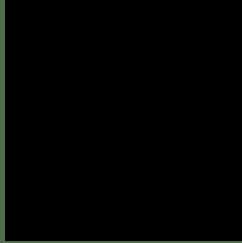
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5335885 Background



This preview shows how black text looks on a background with the Decimal color 5335885.



This preview shows how white text looks on a background with the Decimal color 5335885.

# 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**  
5335885

**Protanopia**  
7038026

**Deuteranopia**  
7692367



**Tritanopia**  
5728111

# Trichromacy



**Original Color**  
5335885

**Protanomaly**  
6448971

**Deuteranomaly**  
6841422

**Tritanomaly**  
5597283

# Monochromacy



**Original Color**  
5335885

**Achromatopsia**  
6316128

**Achromatomaly**  
5989465

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5335885 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 #516B4D looks like.

```
.text, #text, p{  
    color:#516B4D  
}
```

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 #516B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516B4D
}
```

## Border

The CSS property to change the border of an element to Decimal 5335885 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
#516B4D }
```

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

```
.border{ border-color:#516B4D }
```

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

Here you see how a box with a 4 pixel #516B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516B4D; -webkit-box-shadow:4px 4px  
4px 4px #516B4D; box-shadow:4px 4px 4px  
4px #516B4D }
```

# Background

The CSS property to change the background color of an element to Decimal 5335885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516B4D }
```

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

```
.background{ background-color:#516B4D }
```

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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