

# Converting Colors

Decimal(5334849)

Have a look what the booklet for  
Decimal(5334849) contains.

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# Color

**Decimal(5334849)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516741
RGB	81, 103, 65
RGB Percent	32%, 40%, 25%
CMY	0.6824, 0.5961, 0.7451
CMYK	0.21, 0.00, 0.37, 0.60
HSL	95°, 23%, 33%
HSV	95°, 37%, 40%
XYZ	9.1977, 11.8315, 6.8000
YIQ	92.0900, -0.9140, -16.4820

# Conversions

## Conversions Part 2

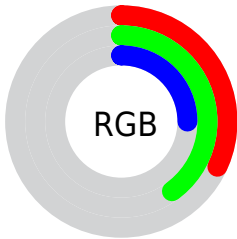
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 103, 87
Decimal	5334849
CIELab	40.95, -15.91, 18.83
CIElCh	41, 24.654, 130.184
Yxy	11.8315, 0.3305, 0.4251
Android (android.graphics.Color)	4283524929 (0xFF516741)
YUV	92.0900, -13.3554, -9.7259
Hunter-Lab	34.3969, -12.4638, 12.3567

# Details

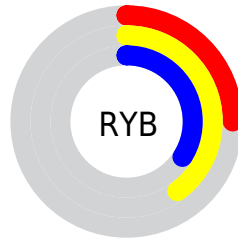
The Decimal color **5334849** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5718375**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8624753**, and **2308117** is the 20% darker color. If you saturate the color by 10%, you get **4941623**, and if you desaturate by 10%, it is **5728075**.

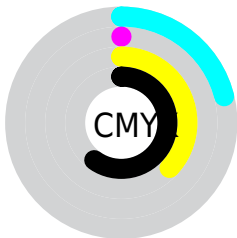
# Distribution



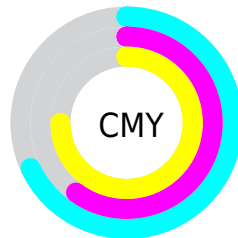
- Red (32%)
- Green (40%)
- Blue (25%)



- Red (25%)
- Yellow (40%)
- Blue (34%)



- Cyan (21%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (68%)
- Magenta (60%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5334849 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 5334849 by changing the saturation by 10% instead.





5334849



5334849

16777215



3755819



8624753



2308117



10335627



1122816



12112293



1536



13954497



0



15859676



16777209



5334849



5334849



4941623



5728075

■ 4548396

■ 6121302

■ 4155170

■ 6514528

■ 3761944

■ 6907754

■ 3368717

■ 7300981

■ 2975491

■ 7694207

■ 2844416

■ 8087433

■ 8480659

■ 8873886

# Harmonies

## Analogous

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



6775352



5334849



3697234

# Triad

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



5334849



2909830



8933722

# Complementary

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



5334849



5718375

# 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.



8344431



5334849



5202056

# Square

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



5334849



879226



7100799



8737863

# Rectangle

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



5334849



2517856



7100799



8802657



# Sweetspot

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



5334849



8357752



6772545



4212028



12895428



4539717



# Same Dimension

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



5334849



6653772



4286276



3158830



3175168



6746624



# Inverse Universe

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



5718375



7228551



6766948



3223091



4325491



9175282



# Previews

## White Background



This preview shows how the Decimal color 5334849 looks on a white background.

## Color Contrast Check

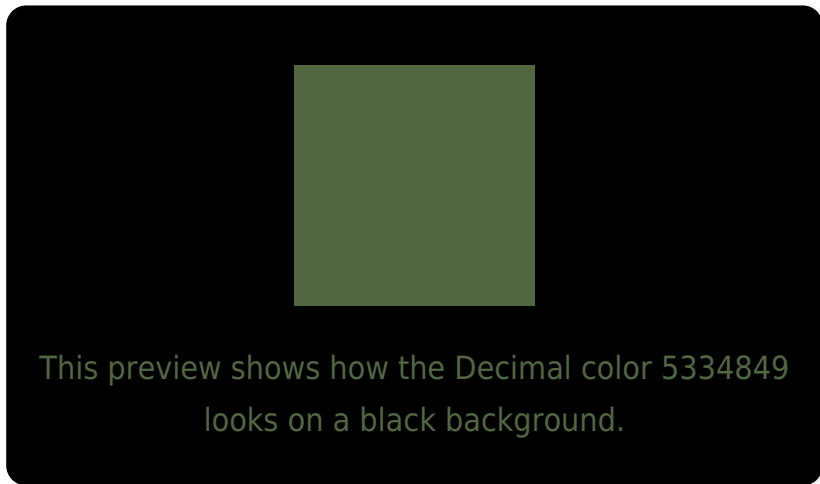
Large Text (above 18pt) WCAG AA ✓ Pass

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

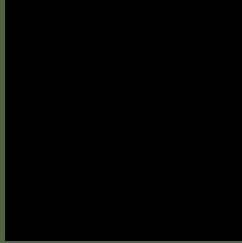
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5334849 Background



This preview shows how black text looks on a background with the Decimal color 5334849.



This preview shows how white text looks on a background with the Decimal color 5334849.

# 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**  
5334849

**Protanopia**  
6905918

**Deuteranopia**  
7560259



# Trichromacy



**Original Color**  
5334849

**Protanomaly**  
6316863

**Deuteranomaly**  
6774850

**Tritanomaly**  
5596251

# Monochromacy



**Original Color**  
5334849

**Achromatopsia**  
6052956

**Achromatomaly**  
5791826

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5334849 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 #516741 looks like.

```
.text, #text, p{  
    color:#516741  
}
```

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 #516741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516741
}
```

## Border

The CSS property to change the border of an element to Decimal 5334849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

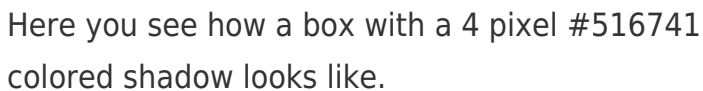
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#516741 }
```

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

```
.border{ border-color:#516741 }
```

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



Here you see how a box with a 4 pixel #516741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516741; -webkit-box-shadow:4px 4px  
4px 4px #516741; box-shadow:4px 4px 4px  
4px #516741 }
```

# Background

The CSS property to change the background color of an element to Decimal 5334849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516741 }
```

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

```
.background{ background-color:#516741 }
```

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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