

# Converting Colors

Decimal(5334060)

Have a look what the booklet for  
Decimal(5334060) contains.

<b>Decimal(5334060)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5334060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51642C
RGB	81, 100, 44
RGB Percent	32%, 39%, 17%
CMY	0.6824, 0.6078, 0.8275
CMYK	0.19, 0.00, 0.56, 0.61
HSL	80°, 39%, 28%
HSV	80°, 56%, 39%
XYZ	8.4051, 11.0455, 4.0719
YIQ	87.9350, 6.6520, -21.4440

# Conversions

## Conversions Part 2

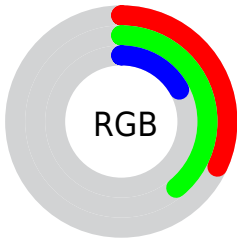
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 100, 63
Decimal	5334060
CIELab	39.66, -17.14, 29.08
CIELCh	40, 33.754, 120.517
Yxy	11.0455, 0.3573, 0.4696
Android (android.graphics.Color)	4283524140 (0xFF51642C)
YUV	87.9350, -21.6600, -6.0820
Hunter-Lab	33.2348, -13.0180, 16.0002

# Details

The Decimal color **5334060** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4140132**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **8689499**, and **2307328** is the 20% darker color. If you saturate the color by 10%, you get **5137442**, and if you desaturate by 10%, it is **5530678**.

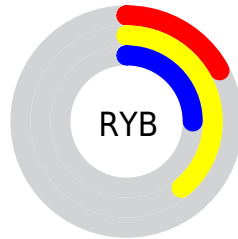
# Distribution



Red (32%)

Green (39%)

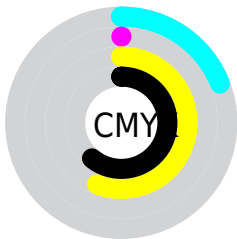
Blue (17%)



Red (17%)

Yellow (39%)

Blue (25%)

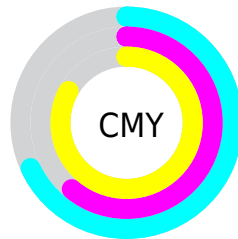


Cyan (19%)

Magenta (0%)

Yellow (56%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5334060 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 5334060 by changing the saturation by 10% instead.





5334060



5334060

16777215



3755029



8689499



2307328



10400373



598016



12242318



0



14084521



15925189



16777185

16777214



5334060



5334060

■ 5137442

■ 5530678

■ 4875288

■ 5792832

■ 4678670

■ 5989450

■ 4416516

■ 6251604

■ 4350976

■ 6448222

■ 6644840

■ 6906994

■ 7103612

■ 7365766

# Harmonies

## Analogous

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



7167012



5334060



2976065

# Triad

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



5334060



26509



9389662

# Complementary

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



5334060



4140132

# 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.



8408185



5334060



2777236

# Square

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



5334060



27513



6313613



9390403

# Rectangle

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



5334060



27475



6313613



9193319



# Sweetspot

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



5334060



8094316



6569772



4080181



12763842



4342338



# Same Dimension

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



5334060



6586923



3499052



3224366



5010176



10547712



# Inverse Universe

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



4140132



4729730



5975140



3157555



2556019



5374194



# Previews

## White Background



This preview shows how the Decimal color 5334060 looks on a white background.

## Color Contrast Check

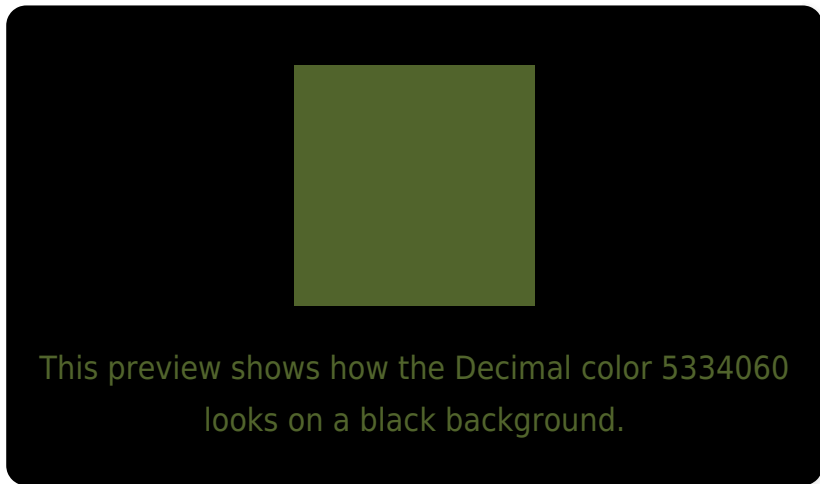
Large Text (above 18pt) WCAG AA ✓ Pass

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

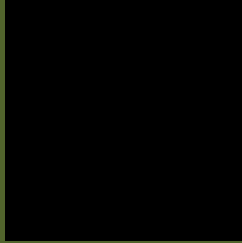
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

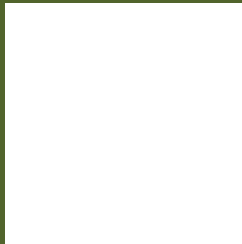
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5334060 Background



This preview shows how black text looks on a background with the Decimal color 5334060.



This preview shows how white text looks on a background with the Decimal color 5334060.

# 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**  
5334060

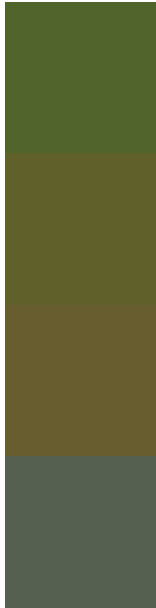
**Protanopia**  
6839594

**Deuteranopia**  
7559471



**Tritanopia**  
5791333

# Trichromacy



**Original Color**  
5334060

**Protanomaly**  
6316075

**Deuteranomaly**  
6774062

**Tritanomaly**  
5595216

# Monochromacy



**Original Color**  
5334060

**Achromatopsia**  
5789784

**Achromatomaly**  
5594184

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5334060 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 #51642C looks like.

```
.text, #text, p{  
    color:#51642C  
}
```

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 #51642C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51642C
}
```

## Border

The CSS property to change the border of an element to Decimal 5334060 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".

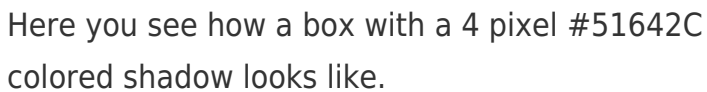
```
.border, #border, table{ border:4px solid
#51642C }
```

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

```
.border{ border-color:#51642C }
```

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

Here you see how a box with a 4 pixel #51642C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51642C; -webkit-box-shadow:4px 4px  
4px 4px #51642C; box-shadow:4px 4px 4px  
4px #51642C }
```

# Background

The CSS property to change the background color of an element to Decimal 5334060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51642C }
```

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

```
.background{ background-color:#51642C }
```

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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