

# Converting Colors

Decimal(5335630)

Have a look what the booklet for  
Decimal(5335630) contains.

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# Color

**Decimal(5335630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	516A4E
RGB	81, 106, 78
RGB Percent	32%, 42%, 31%
CMY	0.6824, 0.5843, 0.6941
CMYK	0.24, 0.00, 0.26, 0.58
HSL	114°, 15%, 36%
HSV	114°, 26%, 42%
XYZ	9.9225, 12.6075, 9.1182
YIQ	95.3330, -5.9120, -14.0080

# Conversions

## Conversions Part 2

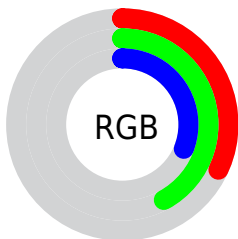
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 106, 103
Decimal	5335630
CIELab	42.17, -15.28, 12.78
CIElCh	42, 19.925, 140.086
Yxy	12.6075, 0.3135, 0.3984
Android (android.graphics.Color)	4283525710 (0xFF516A4E)
YUV	95.3330, -8.5452, -12.5700
Hunter-Lab	35.5070, -12.2549, 9.6291

# Details

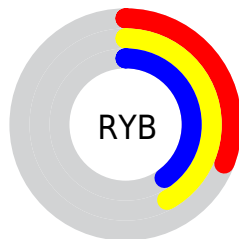
The Decimal color **5335630** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6770282**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **8625535**, and **2308897** is the 20% darker color. If you saturate the color by 10%, you get **4745795**, and if you desaturate by 10%, it is **5925465**.

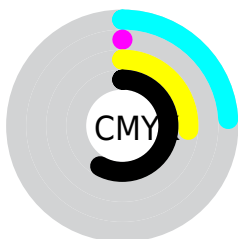
# Distribution



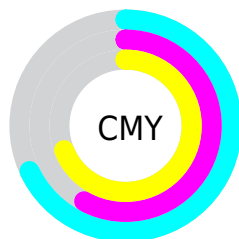
- Red (32%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (40%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (68%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5335630 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 5335630 by changing the saturation by 10% instead.



■ 5335630

■ 5335630

16777215

■ 3822135

■ 8625535

■ 2308897

■ 10336409

■ 992524

■ 12113076

■ 3584

■ 13955280

■ 0

■ 15794156

■ 5335630

■ 5335630

■ 4745795

■ 5925465

■ 4090425

■ 6580835

■ 3500590

■ 7170670

■ 2845220

■ 7826040

■ 2255385

■ 8415875

■ 1600014

■ 9071246

■ 1010180

■ 9661080

■ 748032

■ 10316451

■ 10906285

# Harmonies

## Analogous

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



6579780



5335630



4090973

# Triad

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



5335630



4614019



8738905

# Complementary

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



5335630



6770282

# 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.



8411242



5335630



6185346

# Square

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



5335630



3369852



7560313



8411979

# Rectangle

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



5335630



3435881



7560313



8673118



# Sweetspot

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



5335630



8424063



6973262



4146494



12895428



4539717



# Same Dimension

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



5335630



6457950



5139033



3225136



881920



1766656



# Inverse Universe

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



6770282



8740490



6966879



3485750



6881397

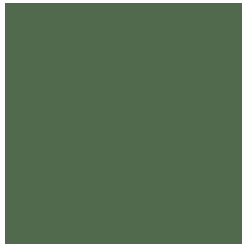


14352629



# Previews

## White Background



This preview shows how the Decimal color 5335630 looks on a white background.

## Color Contrast Check

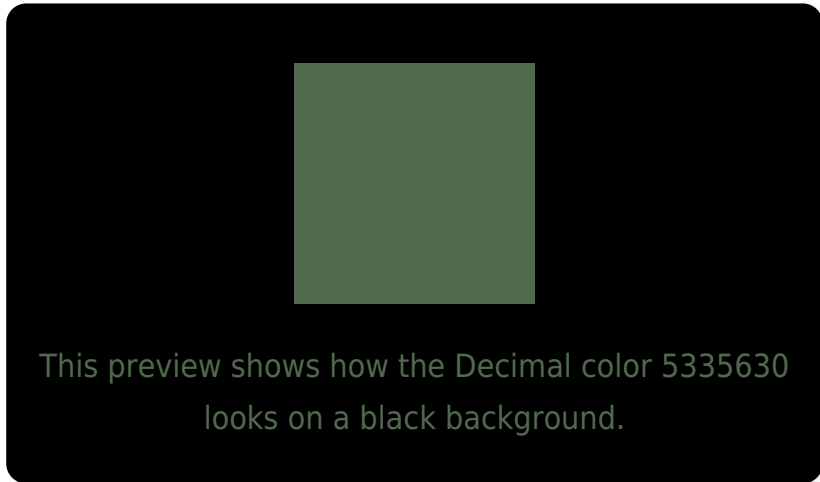
Large Text (above 18pt) WCAG AA ✓ Pass

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

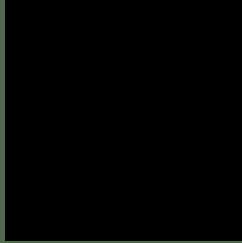
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5335630 Background



This preview shows how black text looks on a background with the Decimal color 5335630.

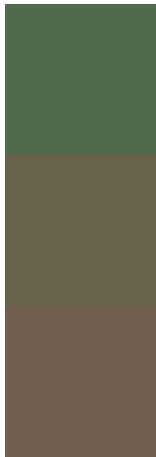


This preview shows how white text looks on a background with the Decimal color 5335630.

# 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](#).

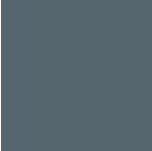
## Dichromacy



**Original Color**  
5335630

**Protanopia**  
6972235

**Deuteranopia**  
7561040



**Tritanopia**  
5662318

# Trichromacy



**Original Color**

5335630

**Protanomaly**

6383180

**Deuteranomaly**

6775631

**Tritanomaly**

5531490

# Monochromacy



**Original Color**

5335630

**Achromatopsia**

6250335

**Achromatomaly**

5923673

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5335630 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 #516A4E looks like.

```
.text, #text, p{  
    color:#516A4E  
}
```

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 #516A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516A4E
}
```

## Border

The CSS property to change the border of an element to Decimal 5335630 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
#516A4E }
```

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

```
.border{ border-color:#516A4E }
```

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

Here you see how a box with a 4 pixel #516A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516A4E; -webkit-box-shadow:4px 4px  
4px 4px #516A4E; box-shadow:4px 4px 4px  
4px #516A4E }
```

# Background

The CSS property to change the background color of an element to Decimal 5335630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516A4E }
```

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

```
.background{ background-color:#516A4E }
```

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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