

# Converting Colors

Decimal(5400137)

Have a look what the booklet for  
Decimal(5400137) contains.

<b>Decimal(5400137)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5400137)**

# Conversions

## Conversions Part 1

Format	Color
Hex	526649
RGB	82, 102, 73
RGB Percent	32%, 40%, 29%
CMY	0.6784, 0.6000, 0.7137
CMYK	0.20, 0.00, 0.28, 0.60
HSL	101°, 17%, 34%
HSV	101°, 28%, 40%
XYZ	9.4336, 11.7776, 8.0794
YIQ	92.7140, -2.6110, -13.2590

# Conversions

## Conversions Part 2

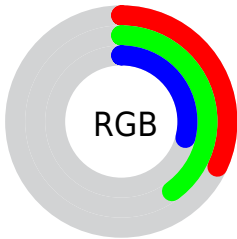
Format	Color
R <sub>Y</sub> B	73, 102, 93
Decimal	5400137
CIE Lab	40.86, -13.59, 13.99
CIE LCh	41, 19.504, 134.162
Yxy	11.7776, 0.3221, 0.4021
Android (android.graphics.Color)	4283590217 (0xFF526649)
YUV	92.7140, -9.7190, -9.3962
Hunter-Lab	34.3185, -10.9905, 10.0646

# Details

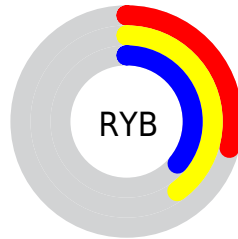
The Decimal color **5400137** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6113638**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8690042**, and **2373405** is the 20% darker color. If you saturate the color by 10%, you get **4941375**, and if you desaturate by 10%, it is **5858899**.

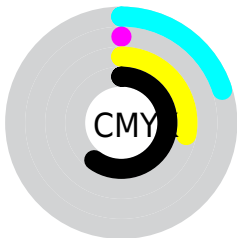
# Distribution



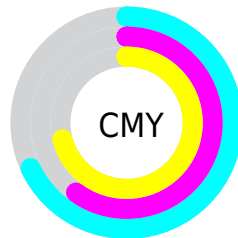
- Red (32%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (36%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)
- Black (60%)



- Cyan (68%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5400137 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 5400137 by changing the saturation by 10% instead.



■ 5400137

■ 5400137

16777215

■ 3886642

■ 8690042

■ 2373405

■ 10400916

■ 1122565

■ 12177326

■ 1536

■ 14019786

■ 0

■ 15859686

■ 5400137

■ 5400137

■ 4941375

■ 5858899

■ 4482613

■ 6317661

■ 4023850

■ 6776424

■ 3565088

■ 7235186

■ 3106326

■ 7693948

■ 2647564

■ 8152710

■ 2188802

■ 8611472

■ 2123264

■ 9070235

■ 9528997

# Harmonies

## Analogous

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



6578753



5400137



4221271

# Triad

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



5400137



4154495



8410457

# Complementary

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



5400137



6113638

# 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.



8082793



5400137



5726079

# Square

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



5400137



3106934



7101047



8214347

# Rectangle

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



5400137



3500386



7101047



8344671



# Sweetspot

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



5400137



8160633



6708553



4014651



12763842



4342338



# Same Dimension

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



5400137



6718808



4810318



3093294



2388736



4977152



# Inverse Universe

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



6113638



7821445



6703457



3223091



5177459

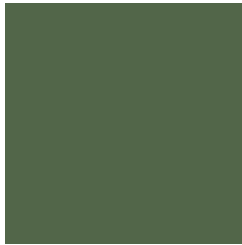


10944754



# Previews

## White Background



This preview shows how the Decimal color 5400137 looks on a white background.

## Color Contrast Check

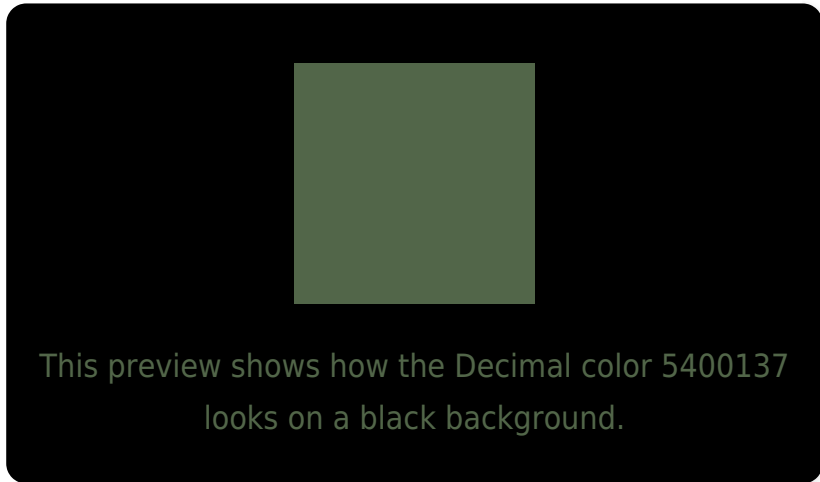
Large Text (above 18pt) WCAG AA ✓ Pass

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

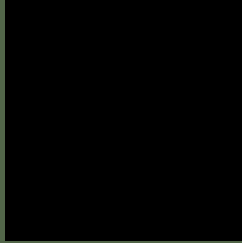
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5400137 Background



This preview shows how black text looks on a background with the Decimal color 5400137.



This preview shows how white text looks on a background with the Decimal color 5400137.

# 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**  
5400137

**Protanopia**  
6774854

**Deuteranopia**  
7363659



# Trichromacy



**Original Color**  
5400137

**Protanomaly**  
6251079

**Deuteranomaly**  
6643786

**Tritanomaly**  
5595998

# Monochromacy



**Original Color**  
5400137

**Achromatopsia**  
6118749

**Achromatomaly**  
5857366

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5400137 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 #526649 looks like.

```
.text, #text, p{  
  color:#526649  
}
```

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 #526649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #526649
}
```

## Border

The CSS property to change the border of an element to Decimal 5400137 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
#526649 }
```

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

```
.border{ border-color:#526649 }
```

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

Here you see how a box with a 4 pixel #526649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #526649; -webkit-box-shadow:4px 4px  
4px 4px #526649; box-shadow:4px 4px 4px  
4px #526649 }
```

# Background

The CSS property to change the background color of an element to Decimal 5400137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#526649 }
```

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

```
.background{ background-color:#526649 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor