

# Converting Colors

Decimal(4147777)

Have a look what the booklet for  
Decimal(4147777) contains.

<b>Decimal(4147777)</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(4147777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4A41
RGB	63, 74, 65
RGB Percent	25%, 29%, 25%
CMY	0.7529, 0.7098, 0.7451
CMYK	0.15, 0.00, 0.12, 0.71
HSL	131°, 8%, 27%
HSV	131°, 15%, 29%
XYZ	5.4528, 6.3360, 5.9366
YIQ	69.6850, -3.6670, -5.1310

# Conversions

## Conversions Part 2

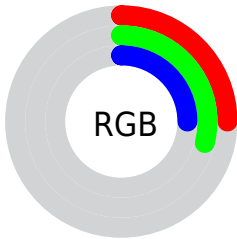
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 72, 74
Decimal	4147777
CIELab	30.24, -6.49, 3.89
CIELCh	30, 7.569, 149.039
Yxy	6.3360, 0.3076, 0.3575
Android (android.graphics.Color)	4282337857 (0xFF3F4A41)
YUV	69.6850, -2.3097, -5.8627
Hunter-Lab	25.1714, -5.3818, 3.6366

# Details

The Decimal color **4147777** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4865864**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7306097**, and **1383959** is the 20% darker color. If you saturate the color by 10%, you get **3689019**, and if you desaturate by 10%, it is **4606535**.

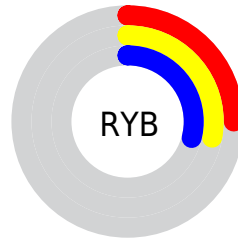
# Distribution



Red (25%)

Green (29%)

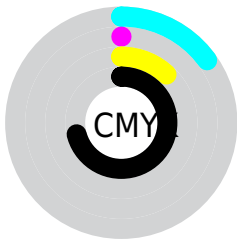
Blue (25%)



Red (25%)

Yellow (28%)

Blue (29%)

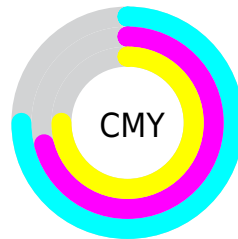


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4147777 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 4147777 by changing the saturation by 10% instead.





4147777



4147777

16777215



2700075



7306097



1383959



8950922



512



10661796



0



12438208



14280667



16187384



4147777



4147777



3689019



4606535

■ 3164725

■ 5130829

■ 2705967

■ 5589587

■ 2181673

■ 6113881

■ 1722915

■ 6572639

■ 1264157

■ 7031397

■ 739863

■ 7555691

■ 281105

■ 8014449

■ 18957

■ 8538743

# Harmonies

## Analogous

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



4606269



4147777



3820359

# Triad

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



4147777



4278355



5522498

# Complementary

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



4147777



4865864

# 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.



5456712



4147777



4736593

# Square

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



4147777



3885393



5194829



5326141

# Rectangle

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



4147777



3689291



5194829



5522244



# Sweetspot

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



4147777



6119774



4737599



3026990



11579568



3158064



# Same Dimension

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



4147777



5202259



4147782



2237987



26131



58922



# Inverse Universe

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



4865864



6377310



4865859



2499110



6684755



15073468



# Previews

## White Background



This preview shows how the Decimal color 4147777 looks on a white background.

## Color Contrast Check

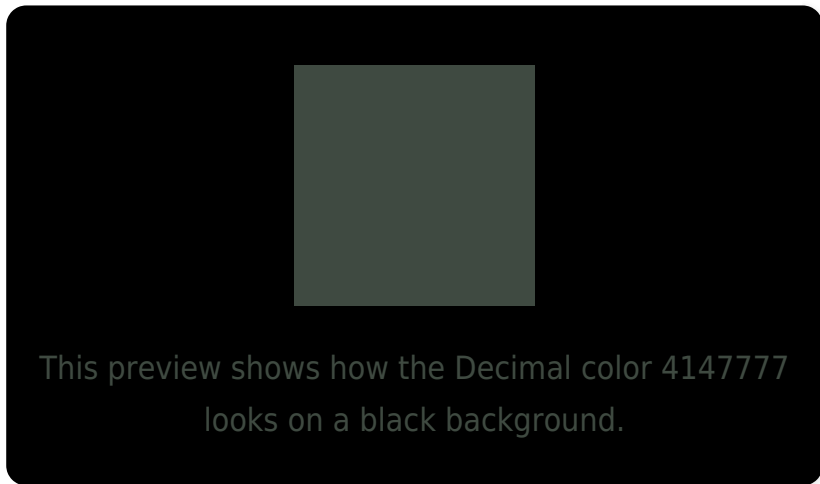
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

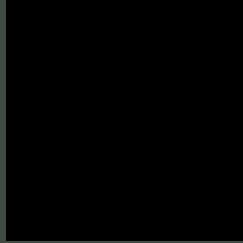
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4147777 Background



This preview shows how black text looks on a background with the Decimal color 4147777.



This preview shows how white text looks on a background with the Decimal color 4147777.

# 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**

4147777

**Protanopia**

4867903

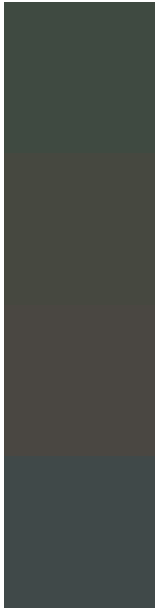
**Deuteranopia**

5260610



**Tritanopia**  
4278350

# Trichromacy



**Original Color**

4147777

**Protanomaly**

4606016

**Deuteranomaly**

4867906

**Tritanomaly**

4213065

# Monochromacy



**Original Color**

4147777

**Achromatopsia**

4605510

**Achromatomaly**

4409156

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4147777 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 #3F4A41 looks like.

```
.text, #text, p{  
  color:#3F4A41  
}
```

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 #3F4A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4A41
}
```

## Border

The CSS property to change the border of an element to Decimal 4147777 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
#3F4A41 }
```

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

```
.border{ border-color:#3F4A41 }
```

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

Here you see how a box with a 4 pixel #3F4A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4A41; -webkit-box-shadow:4px 4px  
4px 4px #3F4A41; box-shadow:4px 4px 4px  
4px #3F4A41 }
```

# Background

The CSS property to change the background color of an element to Decimal 4147777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4A41 }
```

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

```
.background{ background-color:#3F4A41 }
```

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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