

# Converting Colors

Decimal(3765574)

Have a look what the booklet for  
Decimal(3765574) contains.

<b>Decimal(3765574)</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(3765574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	397546
RGB	57, 117, 70
RGB Percent	22%, 46%, 27%
CMY	0.7765, 0.5412, 0.7255
CMYK	0.51, 0.00, 0.40, 0.54
HSL	133°, 34%, 34%
HSV	133°, 51%, 46%
XYZ	9.1541, 14.0346, 8.0208
YIQ	93.7020, -20.6730, -27.3370

# Conversions

## Conversions Part 2

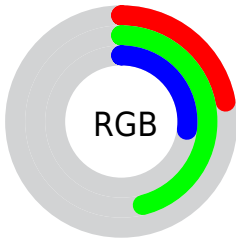
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 106, 117
Decimal	3765574
CIE Lab	44.28, -30.65, 20.10
CIE LCh	44, 36.649, 146.748
Yxy	14.0346, 0.2933, 0.4497
Android (android.graphics.Color)	4281955654 (0xFF397546)
YUV	93.7020, -11.6851, -32.1877
Hunter-Lab	37.4628, -21.9431, 13.5299

# Details

The Decimal color **3765574** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7682408**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **7121527**, and **17433** is the 20% darker color. If you saturate the color by 10%, you get **2979133**, and if you desaturate by 10%, it is **4552015**.

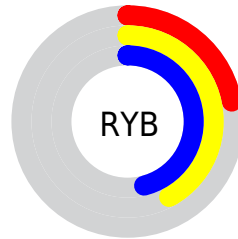
# Distribution



Red (22%)

Green (46%)

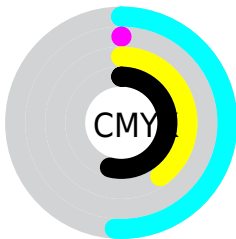
Blue (27%)



Red (22%)

Yellow (42%)

Blue (46%)

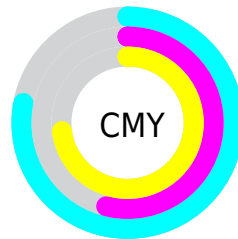


Cyan (51%)

Magenta (0%)

Yellow (40%)

Black (54%)



Cyan (78%)

Magenta (54%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3765574 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 3765574 by changing the saturation by 10% instead.





3765574



3765574

16777215



2055215



7121527



17433



8897937



11520



10674603



6144



12517063



0



14352355



16252927



3765574



3765574



2979133



4552015

■ 2258228

■ 5272920

■ 1471787

■ 6059361

■ 685345

■ 6845803

■ 29977

■ 7632244

■ 8353149

■ 9139590

■ 9926031

■ 10646936

# Harmonies

## Analogous

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



6254384



3765574



30820

# Triad

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



3765574



2387365



10572111

# Complementary

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



3765574



7682408

# 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.



10440557



3765574



6644383

# Square

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



3765574



29851



9131659



9722678

# Rectangle

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



3765574



30841



9131659



10637145



# Sweetspot

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



3765574



8558983



6845753



4148546



13421772



5066061



# Same Dimension

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



3765574



3840335



3765604



3488566



31259



64054



# Inverse Universe

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



7682408



10041988



7682378



3880249



7995488

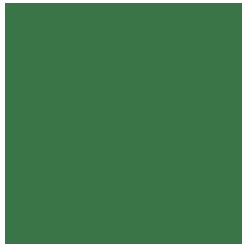


16384196



# Previews

## White Background



This preview shows how the Decimal color 3765574 looks on a white background.

## Color Contrast Check

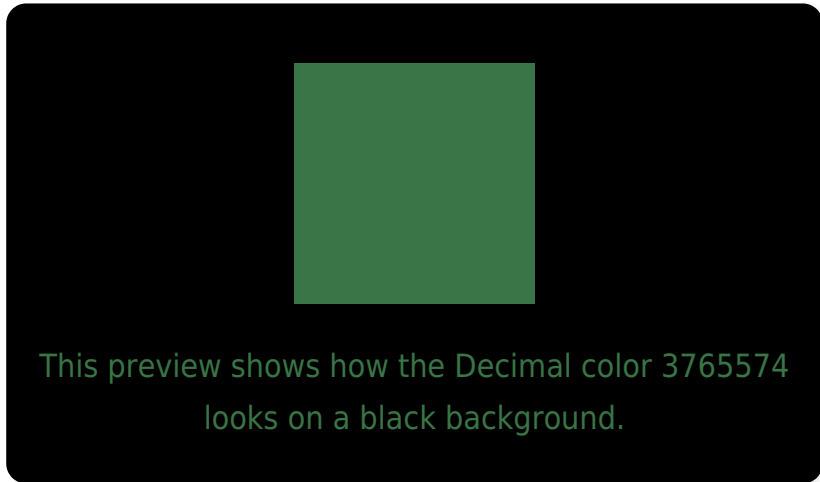
Large Text (above 18pt) WCAG AA ✓ Pass

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 3765574 Background



This preview shows how black text looks on a background with the Decimal color 3765574.



This preview shows how white text looks on a background with the Decimal color 3765574.

# 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**

3765574

**Protanopia**

7497793

**Deuteranopia**

8152138



**Tritanopia**  
4550520

# Trichromacy



**Original Color**  
3765574

**Protanomaly**  
6122819

**Deuteranomaly**  
6580809

**Tritanomaly**  
4288870

# Monochromacy



**Original Color**  
3765574

**Achromatopsia**  
6184542

**Achromatomaly**  
5334613

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3765574 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 #397546 looks like.

```
.text, #text, p{  
    color:#397546  
}
```

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 #397546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397546
}
```

## Border

The CSS property to change the border of an element to Decimal 3765574 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".

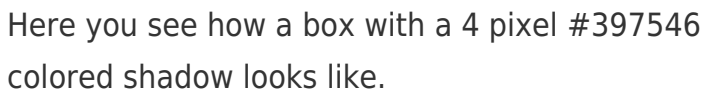
```
.border, #border, table{ border:4px solid
#397546 }
```

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

```
.border{ border-color:#397546 }
```

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

Here you see how a box with a 4 pixel #397546 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397546; -webkit-box-shadow:4px 4px  
4px 4px #397546; box-shadow:4px 4px 4px  
4px #397546 }
```

# Background

The CSS property to change the background color of an element to Decimal 3765574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397546 }
```

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

```
.background{ background-color:#397546 }
```

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