

# Converting Colors

Decimal(3896636)

Have a look what the booklet for  
Decimal(3896636) contains.

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# Color

**Decimal(3896636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B753C
RGB	59, 117, 60
RGB Percent	23%, 46%, 24%
CMY	0.7686, 0.5412, 0.7647
CMYK	0.50, 0.00, 0.49, 0.54
HSL	121°, 33%, 35%
HSV	121°, 50%, 46%
XYZ	8.9805, 13.9786, 6.4998
YIQ	93.1600, -16.2710, -30.0230

# Conversions

## Conversions Part 2

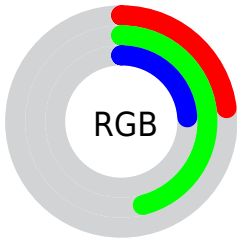
Format	Color
<b>RYB</b>	59, 116, 117
Decimal	3896636
CIELab	44.20, -31.76, 25.63
CIElCh	44, 40.813, 141.094
Yxy	13.9786, 0.3048, 0.4745
Android (android.graphics.Color)	4282086716 (0xFF3B753C)
YUV	93.1600, -16.3479, -29.9583
Hunter-Lab	37.3880, -22.5536, 15.8642

# Details

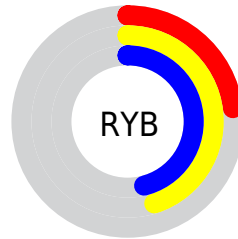
The Decimal color **3896636** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7682932**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **7252588**, and **82959** is the 20% darker color. If you saturate the color by 10%, you get **3110193**, and if you desaturate by 10%, it is **4683079**.

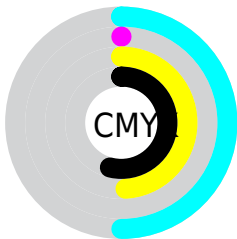
# Distribution



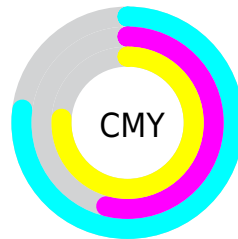
- Red (23%)
- Green (46%)
- Blue (24%)



- Red (23%)
- Yellow (45%)
- Blue (46%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (54%)



- Cyan (77%)
- Magenta (54%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3896636 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 3896636 by changing the saturation by 10% instead.





3896636



3896636

16777215



2186277



7252588



82959



9028998



11520



10805664



5888



12648124



0



14483416



16383988



3896636



3896636



3110193



4683079

■ 2389285

■ 5403987

■ 1602842

■ 6190430

■ 816398

■ 6976874

■ 95491

■ 7763317

■ 29954

■ 8484225

■ 9270668

■ 10057112

■ 10778019

# Harmonies

## Analogous

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



6581797



3896636



31069

# Triad

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



3896636



28587



10964050

# Complementary

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



3896636



7682932

# 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.



10570612



3896636



5858472

# Square

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



3896636



30365



8935059



10245685

# Rectangle

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



3896636



31092



8935059



10963549



# Sweetspot

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



3896636



8558978



7632187



4148543



13421772



5066061



# Same Dimension

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



3896636



4168000



3896665



3488565



31234



64004



# Inverse Universe

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



7682932



10043287



7682903



3880251



7995512



16384246



# Previews

## White Background



This preview shows how the Decimal color 3896636 looks on a white background.

## Color Contrast Check

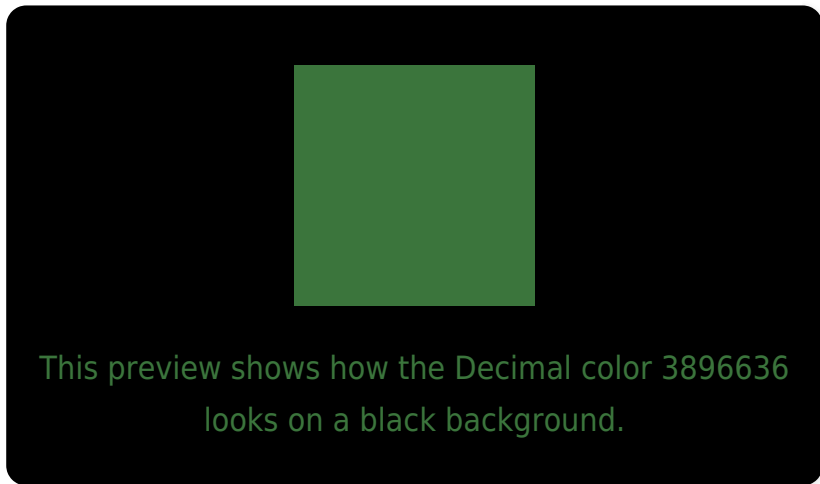
Large Text (above 18pt) WCAG AA ✓ Pass

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 3896636 Background



This preview shows how black text looks on a background with the Decimal color 3896636.



This preview shows how white text looks on a background with the Decimal color 3896636.

# 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**  
3896636

**Protanopia**  
7563319

**Deuteranopia**  
8282944



**Tritanopia**  
4746871

# Trichromacy



**Original Color**  
3896636

**Protanomaly**  
6253881

**Deuteranomaly**  
6711871

**Tritanomaly**  
4419938

# Monochromacy



**Original Color**  
3896636

**Achromatopsia**  
6118749

**Achromatomaly**  
5334609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3896636 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 #3B753C looks like.

```
.text, #text, p{  
  color:#3B753C  
}
```

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 #3B753C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B753C
}
```

## Border

The CSS property to change the border of an element to Decimal 3896636 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
#3B753C }
```

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

```
.border{ border-color:#3B753C }
```

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

Here you see how a box with a 4 pixel #3B753C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B753C; -webkit-box-shadow:4px 4px  
4px 4px #3B753C; box-shadow:4px 4px 4px  
4px #3B753C }
```

# Background

The CSS property to change the background color of an element to Decimal 3896636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B753C }
```

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

```
.background{ background-color:#3B753C }
```

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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