

# Converting Colors

Decimal(3376447)

Have a look what the booklet for  
Decimal(3376447) contains.

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# Color

**Decimal(3376447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33853F
RGB	51, 133, 63
RGB Percent	20%, 52%, 25%
CMY	0.8000, 0.4784, 0.7529
CMYK	0.62, 0.00, 0.53, 0.48
HSL	129°, 45%, 36%
HSV	129°, 62%, 52%
XYZ	10.6500, 17.8377, 7.5843
YIQ	100.5020, -26.4020, -39.1540

# Conversions

## Conversions Part 2

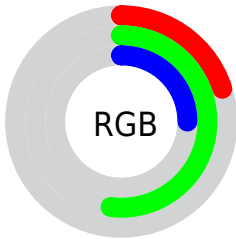
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 123, 133
Decimal	3376447
CIELab	49.30, -40.41, 30.29
CIELCh	49, 50.504, 143.143
Yxy	17.8377, 0.2952, 0.4945
Android (android.graphics.Color)	4281566527 (0xFF33853F)
YUV	100.5020, -18.4885, -43.4133
Hunter-Lab	42.2348, -28.9000, 18.9173

# Details

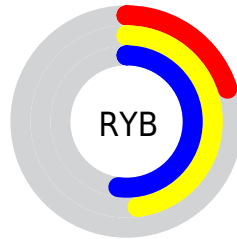
The Decimal color **3376447** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8729465**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **6994800**, and **21008** is the 20% darker color. If you saturate the color by 10%, you get **2524468**, and if you desaturate by 10%, it is **4228426**.

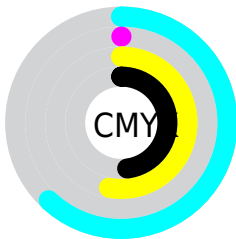
# Distribution



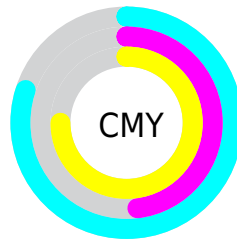
- Red (20%)
- Green (52%)
- Blue (25%)



- Red (20%)
- Yellow (48%)
- Blue (52%)



- Cyan (62%)
- Magenta (0%)
- Yellow (53%)
- Black (48%)



- Cyan (80%)
- Magenta (48%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3376447 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 3376447 by changing the saturation by 10% instead.





3376447



3376447

16777215



1207080



6994800



21008



8771466



14848



10613925



9728



12451776



0



14352348



16252921



3376447



3376447



2524468



4228426

■ 1606952

■ 5145942

■ 754973

■ 5997921

■ 34067

■ 6849900

■ 7767416

■ 8619395

■ 9471374

■ 10323354

■ 11240869

# Harmonies

## Analogous

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



7044382



3376447



35178

# Triad

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



3376447



32202



12734550

# Complementary

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



3376447



8729465

# 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.



12406401



3376447



6581956

# Square

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



3376447



34489



10509225



11689777

# Rectangle

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



3376447



35463



10509225



12799332



# Sweetspot

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



3376447



9350547



8029491



4478790



14079702



5723991



# Same Dimension

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



3376447



2993472



3376487



3949117



33299



768



# Inverse Universe

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



8729465



11349403



8729425



4340801



8519791



196610



# Previews

## White Background



This preview shows how the Decimal color 3376447 looks on a white background.

## Color Contrast Check

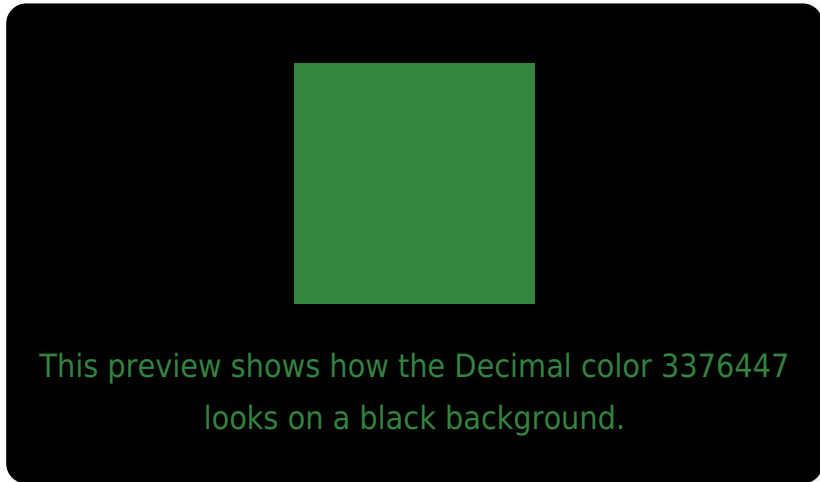
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

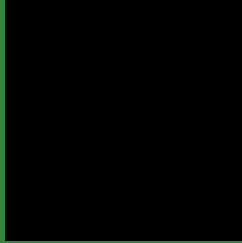
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 3376447 Background



This preview shows how black text looks on a background with the Decimal color 3376447.



This preview shows how white text looks on a background with the Decimal color 3376447.

# 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**  
3376447

**Protanopia**  
8484154

**Deuteranopia**  
9334597



**Tritanopia**  
4619655

# Trichromacy



**Original Color**  
3376447

**Protanomaly**  
6650684

**Deuteranomaly**  
7173955

**Tritanomaly**  
4161645

# Monochromacy



**Original Color**  
3376447

**Achromatopsia**  
6645093

**Achromatomaly**  
5468503

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3376447 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 #33853F looks like.

```
.text, #text, p{  
    color:#33853F  
}
```

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 #33853F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33853F
}
```

## Border

The CSS property to change the border of an element to Decimal 3376447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

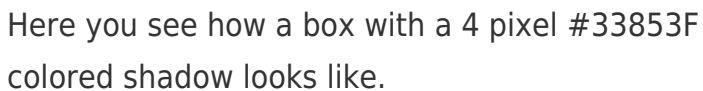
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33853F }
```

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

```
.border{ border-color:#33853F }
```

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



Here you see how a box with a 4 pixel `#33853F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33853F; -webkit-box-shadow:4px 4px  
4px 4px #33853F; box-shadow:4px 4px 4px  
4px #33853F }
```

# Background

The CSS property to change the background color of an element to Decimal 3376447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33853F }
```

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

```
.background{ background-color:#33853F }
```

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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