

Converting Colors

Decimal(3373155)

Have a look what the booklet for
Decimal(3373155) contains.

| | |
|--|----|
| Decimal(3373155) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(3373155)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 337863 |
| RGB | 51, 120, 99 |
| RGB Percent | 20%, 47%, 39% |
| CMY | 0.8000, 0.5294, 0.6118 |
| CMYK | 0.58, 0.00, 0.18, 0.53 |
| HSL | 162°, 40%, 34% |
| HSV | 162°, 57%, 47% |
| XYZ | 10.3338, 15.0376, 14.1623 |
| YIQ | 96.9750, -34.3830, -21.1590 |

Conversions

Conversions Part 2

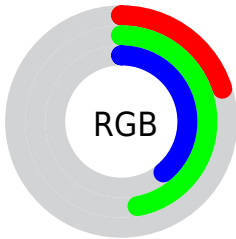
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 51, 92, 120 |
| Decimal | 3373155 |
| CIELab | 45.69, -27.25, 5.02 |
| CIElCh | 46, 27.705, 169.559 |
| Yxy | 15.0376, 0.2614, 0.3804 |
| Android (android.graphics.Color) | 4281563235 (0xFF337863) |
| YUV | 96.9750, 0.9983, -40.3201 |
| Hunter-Lab | 38.7783, -20.2946, 5.4915 |

Details

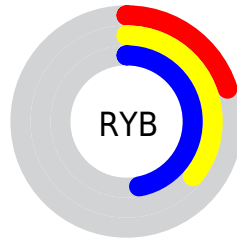
The Decimal color **3373155** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7877448**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6860182**, and **18229** is the 20% darker color. If you saturate the color by 10%, you get **2586719**, and if you desaturate by 10%, it is **4159591**.

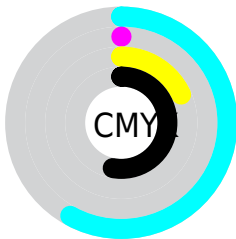
Distribution



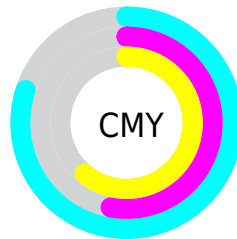
- Red (20%)
- Green (47%)
- Blue (39%)



- Red (20%)
- Yellow (36%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3373155 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 3373155 by changing the saturation by 10% instead.



3373155



3373155

16777215



1466187



6860182



18229



8636592



12319



10413516



7175



12255208



0



14090239



15990783



3373155



3373155



2586719



4159591

■ 1800284

■ 4946026

■ 1013848

■ 5732462

■ 227412

■ 6518898

■ 30803

■ 7305333

■ 8091769

■ 8878205

■ 9664640

■ 10451076

Harmonies

Analogous

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



5403981



3373155



817275

Triad

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



3373155



6515096



9658442

Complementary

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



3373155



7877448

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.



10050398



3373155



8479114

Square

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



3373155



3895705



9722741



8611903

Rectangle

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



3373155



30601



9722741



9854544

Sweetspot

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



3373155



8494228



4814899



4149066



13619151



5197647

Same Dimension

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



3373155



3185787



3369848



3620155



32087



64688

Inverse Universe

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



7877448



10235985



7880755



4011833



8192038



16515149

Previews

White Background



This preview shows how the Decimal color 3373155 looks on a white background.

Color Contrast Check

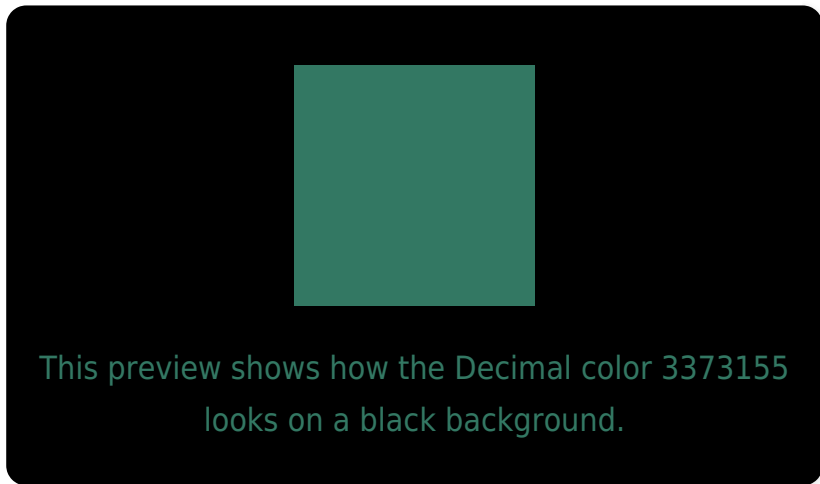
Large Text (above 18pt) WCAG AA ✓ Pass

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

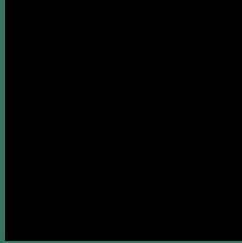
Any Text WCAG AA × Fail

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 3373155 Background



This preview shows how black text looks on a background with the Decimal color 3373155.

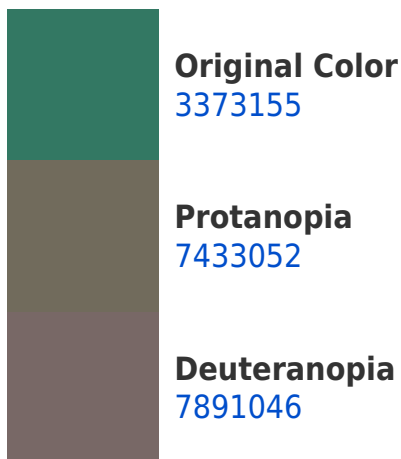


This preview shows how white text looks on a background with the Decimal color 3373155.

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



Trichromacy



Original Color
3373155

Protanomaly
5927007

Deuteranomaly
6254181

Tritanomaly
3765620

Monochromacy



Original Color
3373155

Achromatopsia
6381921

Achromatomaly
5269858

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3373155 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 #337863 looks like.

```
.text, #text, p{  
    color:#337863  
}
```

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 #337863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337863
}
```

Border

The CSS property to change the border of an element to Decimal 3373155 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
#337863 }
```

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

```
.border{ border-color:#337863 }
```

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

Here you see how a box with a 4 pixel #337863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337863; -webkit-box-shadow:4px 4px  
4px 4px #337863; box-shadow:4px 4px 4px  
4px #337863 }
```

Background

The CSS property to change the background color of an element to Decimal 3373155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337863 }
```

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

```
.background{ background-color:#337863 }
```

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