

Converting Colors

Decimal(33340)

Have a look what the booklet for
Decimal(33340) contains.

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Color

Decimal(33340)

Conversions

Conversions Part 1

Format	Color
Hex	00823C
RGB	0, 130, 60
RGB Percent	0%, 51%, 24%
CMY	1.0000, 0.4902, 0.7647
CMYK	1.00, 0.00, 0.54, 0.49
HSL	148°, 100%, 25%
HSV	148°, 100%, 51%
XYZ	8.7982, 16.2915, 6.9558
YIQ	83.1500, -55.0100, -49.3300

Conversions

Conversions Part 2

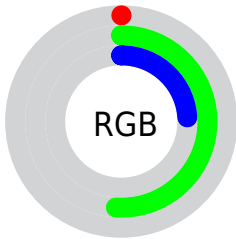
Format	Color
RYB	0, 89, 130
Decimal	33340
CIELab	47.35, -46.90, 29.28
CIELCh	47, 55.289, 148.022
Yxy	16.2915, 0.2746, 0.5084
Android (android.graphics.Color)	4278223420 (0xFF00823C)
YUV	83.1500, -11.4130, -72.9226
Hunter-Lab	40.3627, -31.7255, 18.0363

Details

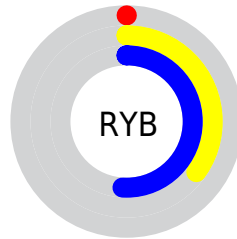
The Decimal color **33340** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8519750**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **5224557**, and **20237** is the 20% darker color. If you saturate the color by 10%, you get **33340**, and if you desaturate by 10%, it is **885315**.

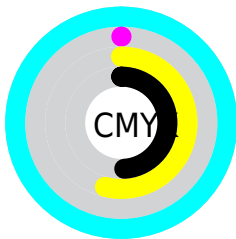
Distribution



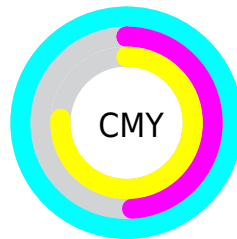
- Red (0%)
- Green (51%)
- Blue (24%)



- Red (0%)
- Yellow (35%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 33340 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 33340 by changing the saturation by 10% instead.

 33340  33340

16777215  26661

 5224557  20237

 7132295  14080

 9040289  8448

 10878909  0

 12779481

 14680053

 16646143

 33340

■ 885315

■ 1737290

■ 2589265

■ 3441240

■ 4293215

■ 5145190

■ 5997165

■ 6849140

■ 7701115

Harmonies

Analogous

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



6060559



33340



34156

Triad

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



33340



30670



1266696

Complementary

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



33340



8519750

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.



12599669



33340



6907331

Square

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



33340



33215



10834082



11295262

Rectangle

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



33340



34444



10834082



12796758

Sweetspot

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



33340



7776397



4751872



3560516



13948116



5526612

Same Dimension

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



33340



43086



33403



3751996



32827



0

Inverse Universe

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



8519750



11010139



8519686



4208957



8388677



0

Previews

White Background



This preview shows how the Decimal color 33340 looks on a white background.

Color Contrast Check

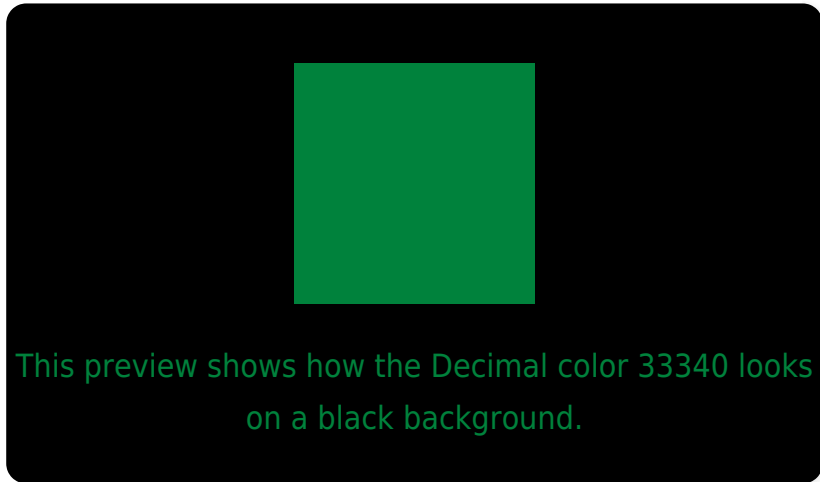
Large Text (above 18pt) WCAG AA ✓ Pass

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 33340 Background



This preview shows how black text looks on a background with the Decimal color 33340.



This preview shows how white text looks on a background with the Decimal color 33340.

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





Tritanopia
3373700

Trichromacy



Original Color
33340



Protanomaly
5207864



Deuteranomaly
5731136



Tritanomaly
2129258

Monochromacy



Original Color
33340



Achromatopsia
5460819



Achromatomaly
3499083

CSS Examples

Text

The CSS property to change the color of the text to Decimal 33340 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 #00823C looks like.

```
.text, #text, p{  
    color:#00823C  
}
```

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 #00823C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00823C
}
```

Border

The CSS property to change the border of an element to Decimal 33340 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
#00823C }
```

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

```
.border{ border-color:#00823C }
```

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

Here you see how a box with a 4 pixel #00823C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00823C; -webkit-box-shadow:4px 4px  
4px 4px #00823C; box-shadow:4px 4px 4px  
4px #00823C }
```

Background

The CSS property to change the background color of an element to Decimal 33340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00823C }
```

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

```
.background{ background-color:#00823C }
```

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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