

Converting Colors

Decimal(13356)

Have a look what the booklet for
Decimal(13356) contains.

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Color

Decimal(13356)

Conversions

Conversions Part 1

Format	Color
Hex	00342C
RGB	0, 52, 44
RGB Percent	0%, 20%, 17%
CMY	1.0000, 0.7961, 0.8275
CMYK	1.00, 0.00, 0.15, 0.80
HSL	171°, 100%, 10%
HSV	171°, 100%, 20%
XYZ	1.6826, 2.6378, 2.8033
YIQ	35.5400, -28.4240, -13.5120

Conversions

Conversions Part 2

Format	Color
RYB	0, 28, 52
Decimal	13356
CIELab	18.53, -18.53, 0.48
CIELCh	19, 18.534, 178.518
Yxy	2.6378, 0.2362, 0.3703
Android (android.graphics.Color)	4278203436 (0xFF00342C)
YUV	35.5400, 4.1708, -31.1686
Hunter-Lab	16.2414, -9.9298, 1.1353

Details

The Decimal color **13356** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3407880**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **3433305**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **13356**, and if you desaturate by 10%, it is **341037**.

Distribution



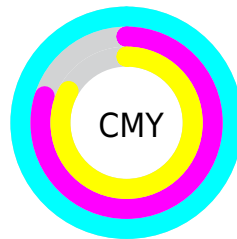
- Red (0%)
- Green (20%)
- Blue (17%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13356 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 13356 by changing the saturation by 10% instead.



13356



13356



15728639



7959



3433305



0



5078130



6723211



8434086



10210497



11987421



13828089



13356

■ 341037

■ 668718

■ 1061934

■ 1389615

■ 1717296

■ 2044977

■ 2372658

■ 2765874

■ 3093555

Harmonies

Analogous

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



1585951



13356



13370

Triad

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



13356



2959941



4204311

Complementary

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



13356



3407880

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.



4596513



13356



4007227

Square

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



13356



1388360



4530734



3550226

Rectangle

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



13356



13121



4530734



4400666

Sweetspot

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



13356



3163458



603136



1516578



10724259



2368548

Same Dimension

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



13356



17722



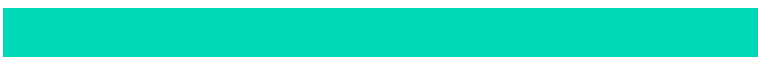
9012



1514009



22860



55735

Inverse Universe

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



3407880



4521995



3412224



1709847



5832718



14221345

Previews

White Background



This preview shows how the Decimal color 13356 looks on a white background.

Color Contrast Check

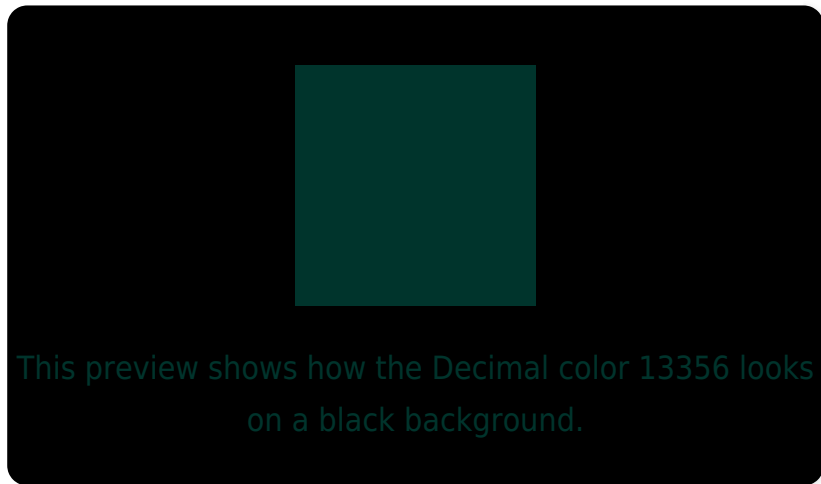
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

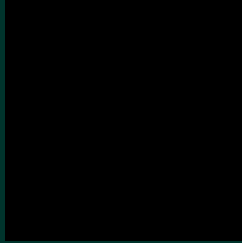
Any Text WCAG AA × Fail

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 13356 Background



This preview shows how black text looks on a background with the Decimal color 13356.



This preview shows how white text looks on a background with the Decimal color 13356.

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](#).

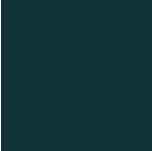
Dichromacy



Original Color
13356

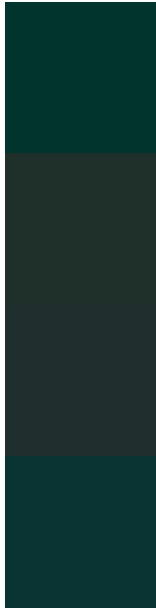
Protanopia
3157545

Deuteranopia
3288110



Tritanopia
996151

Trichromacy



Original Color
13356

Protanomaly
2043946

Deuteranomaly
2109229

Tritanomaly
668467

Monochromacy



Original Color
13356

Achromatopsia
2368548

Achromatomaly
1518119

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13356 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 #00342C looks like.

```
.text, #text, p{  
    color:#00342C  
}
```

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 #00342C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00342C
}
```

Border

The CSS property to change the border of an element to Decimal 13356 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".

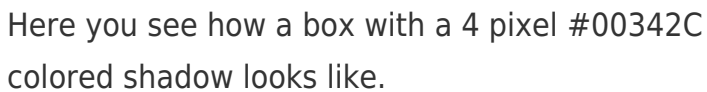
```
.border, #border, table{ border:4px solid
#00342C }
```

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

```
.border{ border-color:#00342C }
```

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

Here you see how a box with a 4 pixel #00342C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00342C; -webkit-box-shadow:4px 4px  
4px 4px #00342C; box-shadow:4px 4px 4px  
4px #00342C }
```

Background

The CSS property to change the background color of an element to Decimal 13356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00342C }
```

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

```
.background{ background-color:#00342C }
```

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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