

Converting Colors

Decimal(13342)

Have a look what the booklet for
Decimal(13342) contains.

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Color

Decimal(13342)

Conversions

Conversions Part 1

Format	Color
Hex	00341E
RGB	0, 52, 30
RGB Percent	0%, 20%, 12%
CMY	1.0000, 0.7961, 0.8824
CMYK	1.00, 0.00, 0.42, 0.80
HSL	155°, 100%, 10%
HSV	155°, 100%, 20%
XYZ	1.4623, 2.5497, 1.6434
YIQ	33.9440, -23.9300, -17.8660

Conversions

Conversions Part 2

Format	Color
RYB	0, 33, 52
Decimal	13342
CIELab	18.14, -22.81, 9.44
CIELCh	18, 24.682, 157.515
Yxy	2.5497, 0.2586, 0.4508
Android (android.graphics.Color)	4278203422 (0xFF00341E)
YUV	33.9440, -1.9444, -29.7689
Hunter-Lab	15.9678, -11.5967, 5.0755

Details

The Decimal color **13342** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3407894**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **3367754**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **13342**, and if you desaturate by 10%, it is **341024**.

Distribution



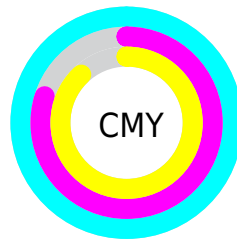
- Red (0%)
- Green (20%)
- Blue (12%)



- Red (0%)
- Yellow (13%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13342 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 13342 by changing the saturation by 10% instead.



13342



13342



15597567



8198



3367754



0



5012578



6657659



8368532



10079663



11921866



13762535



13342

■ 341024

■ 668706

■ 1061925

■ 1389607

■ 1717289

■ 2044971

■ 2372653

■ 2765872

■ 3093554

Harmonies

Analogous

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



2044174



13342



13616

Triad

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



13342



1060176



4857880

Complementary

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



13342



3407894

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.



5053481



13342



3352137

Square

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



13342



12877



4529978



4269577

Rectangle

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



13342



13628



4529978



4988445

Sweetspot

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



13342



3163452



1520640



1516574



10724259



2368548

Same Dimension

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



13342



17704



12596



1514008



22835



55677

Inverse Universe

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



3407894



4522013



3408640



1709848



5832742



14221404

Previews

White Background



This preview shows how the Decimal color 13342 looks on a white background.

Color Contrast Check

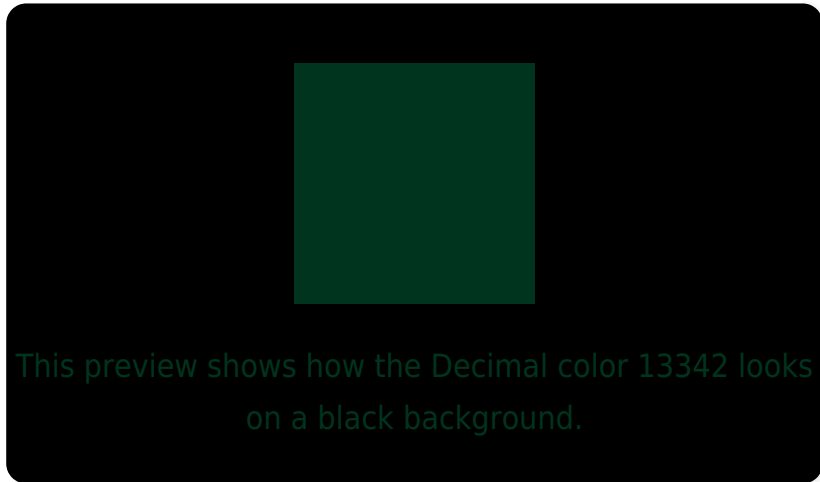
Large Text (above 18pt) WCAG AA ✓ Pass

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

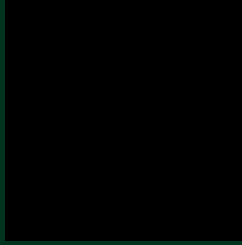
Any Text WCAG AA × Fail

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 13342 Background



This preview shows how black text looks on a background with the Decimal color 13342.



This preview shows how white text looks on a background with the Decimal color 13342.

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](#).

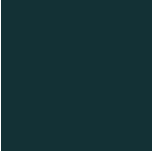
Dichromacy



Original Color
13342

Protanopia
3222811

Deuteranopia
3484448



Tritanopia
1257781

Trichromacy



Original Color
13342

Protanomaly
2043932

Deuteranomaly
2240031

Tritanomaly
799277

Monochromacy



Original Color
13342

Achromatopsia
2236962

Achromatomaly
1452321

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13342 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 #00341E looks like.

```
.text, #text, p{  
    color:#00341E  
}
```

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 #00341E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00341E
}
```

Border

The CSS property to change the border of an element to Decimal 13342 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".

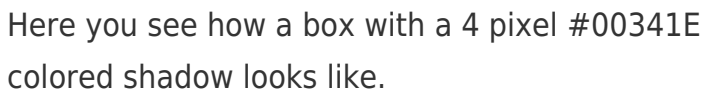
```
.border, #border, table{ border:4px solid
#00341E }
```

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

```
.border{ border-color:#00341E }
```

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

Here you see how a box with a 4 pixel #00341E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00341E; -webkit-box-shadow:4px 4px  
4px 4px #00341E; box-shadow:4px 4px 4px  
4px #00341E }
```

Background

The CSS property to change the background color of an element to Decimal 13342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00341E }
```

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

```
.background{ background-color:#00341E }
```

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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