

Converting Colors

Decimal(13856)

Have a look what the booklet for
Decimal(13856) contains.

| | |
|--|----|
| Decimal(13856) | 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(13856)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 003620 |
| RGB | 0, 54, 32 |
| RGB Percent | 0%, 21%, 13% |
| CMY | 1.0000, 0.7882, 0.8745 |
| CMYK | 1.00, 0.00, 0.41, 0.79 |
| HSL | 156°, 100%, 11% |
| HSV | 156°, 100%, 21% |
| XYZ | 1.5799, 2.7426, 1.8126 |
| YIQ | 35.3460, -25.1220, -18.2900 |

Conversions

Conversions Part 2

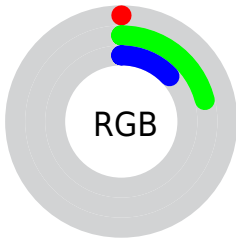
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 34, 54 |
| Decimal | 13856 |
| CIELab | 18.98, -23.18, 9.25 |
| CIELCh | 19, 24.957, 158.254 |
| Yxy | 2.7426, 0.2575, 0.4470 |
| Android (android.graphics.Color) | 4278203936 (0xFF003620) |
| YUV | 35.3460, -1.6496, -30.9984 |
| Hunter-Lab | 16.5609, -11.9529, 5.1032 |

Details

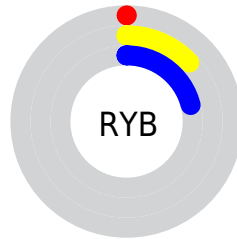
The Decimal color **13856** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3538966**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **3433804**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **13856**, and if you desaturate by 10%, it is **341538**.

Distribution



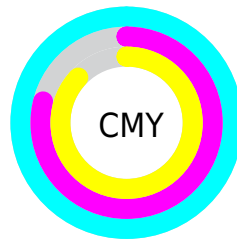
- Red (0%)
- Green (21%)
- Blue (13%)



- Red (0%)
- Yellow (13%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13856 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 13856 by changing the saturation by 10% instead.



13856



13856



15663103



8457



3433804



0



5078884



6723965



8434839



10145714



11988173



13828073



13856

■ 341538

■ 734756

■ 1062439

■ 1455657

■ 1783339

■ 2111021

■ 2504239

■ 2831922

■ 3225140

Harmonies

Analogous

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



2110224



13856



14131

Triad

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



13856



1322578



5054745

Complementary

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



13856



3538966

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.



5185066



13856



3549003

Square

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



13856



13392



4726844



4401163

Rectangle

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



13856



14143



4726844



5120030

Sweetspot

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



13856



3295039



1455616



1516574



10724259



2368548

Same Dimension

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



13856



18218



12854



1645595



23606



56194

Inverse Universe

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



3538966



4653085



3540224



1841434



6029349



14352473

Previews

White Background



This preview shows how the Decimal color 13856 looks on a white background.

Color Contrast Check

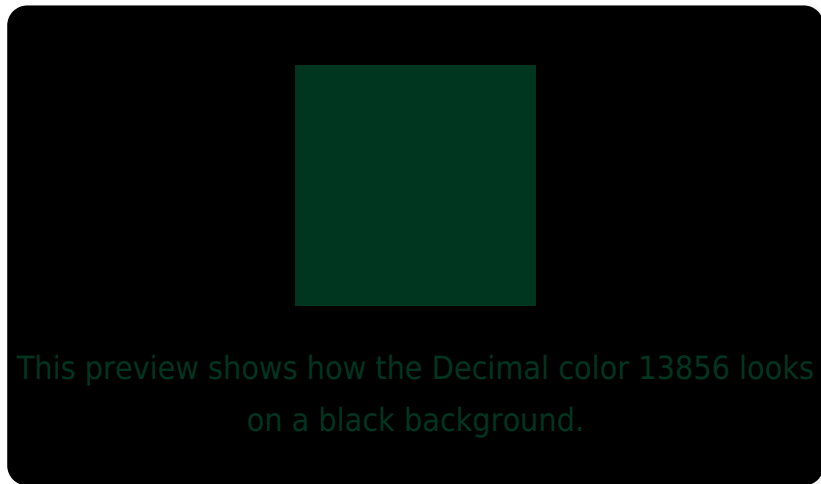
Large Text (above 18pt) WCAG AA ✓ Pass

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

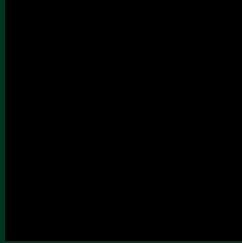
Any Text WCAG AA × Fail

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 13856 Background



This preview shows how black text looks on a background with the Decimal color 13856.



This preview shows how white text looks on a background with the Decimal color 13856.

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](#).

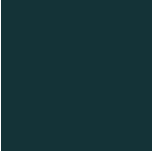
Dichromacy



Original Color
13856

Protanopia
3354397

Deuteranopia
3616034



Tritanopia
1323831

Trichromacy



Original Color
13856

Protanomaly
2109982

Deuteranomaly
2306081

Tritanomaly
865327

Monochromacy



Original Color
13856

Achromatopsia
2302755

Achromatomaly
1452578

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13856 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 #003620 looks like.

```
.text, #text, p{  
    color:#003620  
}
```

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 #003620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003620
}
```

Border

The CSS property to change the border of an element to Decimal 13856 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
#003620 }
```

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

```
.border{ border-color:#003620 }
```

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

Here you see how a box with a 4 pixel #003620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003620; -webkit-box-shadow:4px 4px  
4px 4px #003620; box-shadow:4px 4px 4px  
4px #003620 }
```

Background

The CSS property to change the background color of an element to Decimal 13856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003620 }
```

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

```
.background{ background-color:#003620 }
```

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