

Converting Colors

Decimal(12855)

Have a look what the booklet for
Decimal(12855) contains.

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Color

Decimal(12855)

Conversions

Conversions Part 1

Format	Color
Hex	003237
RGB	0, 50, 55
RGB Percent	0%, 20%, 22%
CMY	1.0000, 0.8039, 0.7843
CMYK	1.00, 0.09, 0.00, 0.78
HSL	185°, 100%, 11%
HSV	185°, 100%, 22%
XYZ	1.8302, 2.5570, 4.0115
YIQ	35.6200, -31.4050, -9.0450

Conversions

Conversions Part 2

Format	Color
RYB	0, 26, 55
Decimal	12855
CIELab	18.17, -13.29, -7.63
CIELCh	18, 15.322, 209.857
Yxy	2.5570, 0.2179, 0.3045
Android (android.graphics.Color)	4278202935 (0xFF003237)
YUV	35.6200, 9.5543, -31.2387
Hunter-Lab	15.9907, -7.5539, -3.6803

Details

The Decimal color **12855** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3605760**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **3563622**, and **11** is the 20% darker color. If you saturate the color by 10%, you get **12855**, and if you desaturate by 10%, it is **340791**.

Distribution



- Red (0%)
- Green (20%)
- Blue (22%)



- Red (0%)
- Yellow (10%)
- Blue (22%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12855 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 12855 by changing the saturation by 10% instead.

 12855  12855

 15859711  7458

 3563622  11

 5208447  0

 6853529

 8564403

 10340815

 12117483

 13959167

 12855

■ 340791

■ 734007

■ 1127479

■ 1455159

■ 1848631

■ 2176311

■ 2569783

■ 2897463

■ 3290935

Harmonies

Analogous

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



733740



12855



471103

Triad

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



12855



3810872



3419158

Complementary

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



12855



3605760

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.



4007962



12855



4269101

Square

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



12855



3025472



4269346



2633497

Rectangle

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



12855



1388354



4269346



3615255

Sweetspot

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



12855



3294535



14085



1516324



10724259



2368548

Same Dimension

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



12855



16711



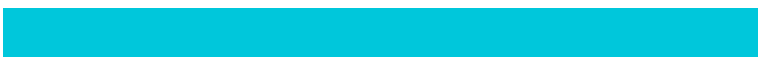
5943



1645596



21340



51163

Inverse Universe

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



3604530



4653121



3612672



1841436



6029395



14352583

Previews

White Background



This preview shows how the Decimal color 12855 looks on a white background.

Color Contrast Check

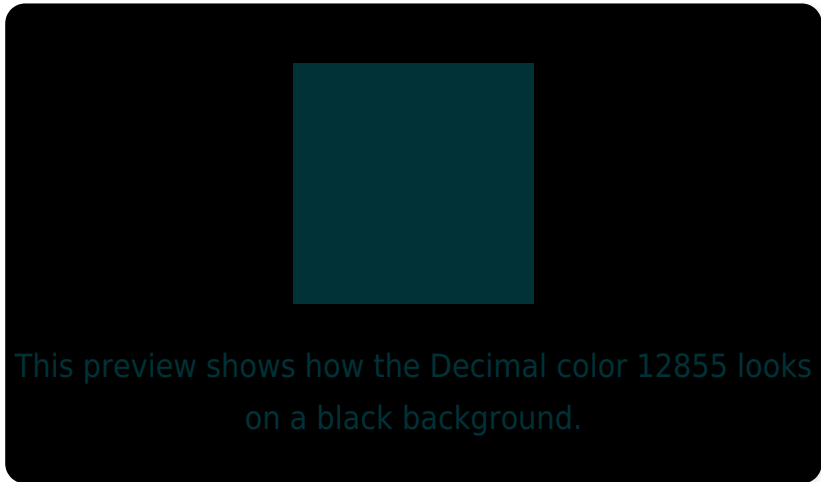
Large Text (above 18pt) WCAG AA ✓ Pass

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

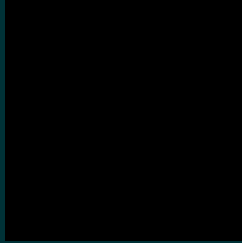
Any Text WCAG AA × Fail

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 12855 Background



This preview shows how black text looks on a background with the Decimal color 12855.

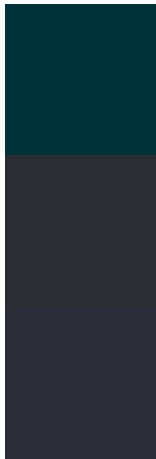


This preview shows how white text looks on a background with the Decimal color 12855.

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
12855

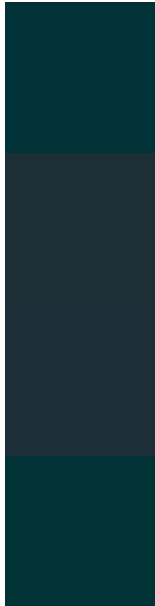
Protanopia
2895155

Deuteranopia
2894904



Tritanopia
12854

Trichromacy



Original Color
12855

Protanomaly
1847092

Deuteranomaly
1846840

Tritanomaly
12854

Monochromacy



Original Color
12855

Achromatopsia
2368548

Achromatomaly
1517867

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12855 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 #003237 looks like.

```
.text, #text, p{  
  color:#003237  
}
```

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 #003237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003237
}
```

Border

The CSS property to change the border of an element to Decimal 12855 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
#003237 }
```

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

```
.border{ border-color:#003237 }
```

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

Here you see how a box with a 4 pixel #003237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003237; -webkit-box-shadow:4px 4px  
4px 4px #003237; box-shadow:4px 4px 4px  
4px #003237 }
```

Background

The CSS property to change the background color of an element to Decimal 12855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003237 }
```

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

```
.background{ background-color:#003237 }
```

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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