

Converting Colors

Decimal(19537)

Have a look what the booklet for
Decimal(19537) contains.

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Color

Decimal(19537)

Conversions

Conversions Part 1

Format	Color
Hex	004C51
RGB	0, 76, 81
RGB Percent	0%, 30%, 32%
CMY	1.0000, 0.7020, 0.6824
CMYK	1.00, 0.06, 0.00, 0.68
HSL	184°, 100%, 16%
HSV	184°, 100%, 32%
XYZ	4.0696, 5.7630, 8.6825
YIQ	53.8460, -46.9010, -14.5570

Conversions

Conversions Part 2

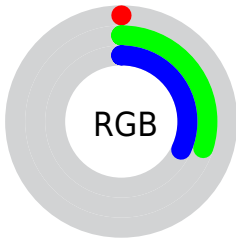
Format	Color
RYB	0, 39, 81
Decimal	19537
CIELab	28.81, -18.21, -8.83
CIELCh	29, 20.238, 205.874
Yxy	5.7630, 0.2198, 0.3113
Android (android.graphics.Color)	4278209617 (0xFF004C51)
YUV	53.8460, 13.3869, -47.2229
Hunter-Lab	24.0062, -11.7506, -4.6394

Details

The Decimal color **19537** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5309696**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **4226434**, and **8228** is the 20% darker color. If you saturate the color by 10%, you get **19537**, and if you desaturate by 10%, it is **543825**.

Distribution



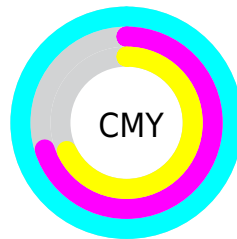
- Red (0%)
- Green (30%)
- Blue (32%)



- Red (0%)
- Yellow (15%)
- Blue (32%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 19537 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 19537 by changing the saturation by 10% instead.

■ 19537 ■ 19537

16777215 ■ 13626

■ 4226434 ■ 8228

■ 6002588 ■ 272

■ 7713463 ■ 0

■ 9490131

■ 11332335

■ 13172735

■ 15073279

■ 19537

■ 543825

■ 1068369

■ 1592657

■ 2117201

■ 2707025

■ 3231569

■ 3755857

■ 4280401

■ 4804945

Harmonies

Analogous

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



1592385



19537



674397

Triad

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



19537



5651286



5259813

Complementary

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



19537



5309696

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.



6044971



19537



6305863

Square

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



19537



4407648



6437175



4212519

Rectangle

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



19537



2050146



6437175



5586982

Sweetspot

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



19537



4810601



20740



2241590



11908533



3552822

Same Dimension

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



19537



25193



9297



2435369



56040

Inverse Universe

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



5308492



6881378



5319936



2696489



15204570

Previews

White Background



This preview shows how the Decimal color 19537 looks on a white background.

Color Contrast Check

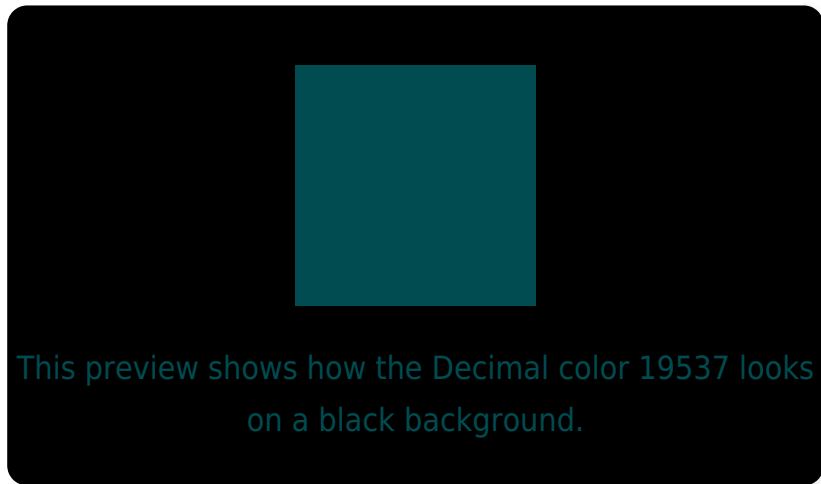
Large Text (above 18pt) WCAG AA ✓ Pass

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

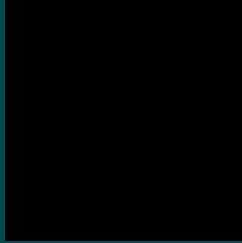
Any Text WCAG AA × Fail

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 19537 Background



This preview shows how black text looks on a background with the Decimal color 19537.



This preview shows how white text looks on a background with the Decimal color 19537.

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
19537

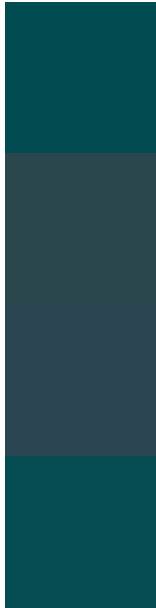
Protanopia
4408396

Deuteranopia
4408147



Tritanopia
478290

Trichromacy



Original Color
19537

Protanomaly
2836302

Deuteranomaly
2836050

Tritanomaly
281682

Monochromacy



Original Color
19537

Achromatopsia
3552822

Achromatomaly
2244160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 19537 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 #004C51 looks like.

```
.text, #text, p{  
    color:#004C51  
}
```

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 #004C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C51
}
```

Border

The CSS property to change the border of an element to Decimal 19537 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
#004C51 }
```

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

```
.border{ border-color:#004C51 }
```

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

Here you see how a box with a 4 pixel #004C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C51; -webkit-box-shadow:4px 4px  
4px 4px #004C51; box-shadow:4px 4px 4px  
4px #004C51 }
```

Background

The CSS property to change the background color of an element to Decimal 19537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C51 }
```

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

```
.background{ background-color:#004C51 }
```

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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