

Converting Colors

Decimal(9767)

Have a look what the booklet for
Decimal(9767) contains.

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Color

Decimal(9767)

Conversions

Conversions Part 1

Format	Color
Hex	002627
RGB	0, 38, 39
RGB Percent	0%, 15%, 15%
CMY	1.0000, 0.8510, 0.8471
CMYK	1.00, 0.03, 0.00, 0.85
HSL	182°, 100%, 8%
HSV	182°, 100%, 15%
XYZ	1.0593, 1.5327, 2.1595
YIQ	26.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

Format	Color
RYB	0, 19, 39
Decimal	9767
CIELab	12.81, -12.51, -4.46
CIELCh	13, 13.284, 199.602
Yxy	1.5327, 0.2229, 0.3226
Android (android.graphics.Color)	4278199847 (0xFF002627)
YUV	26.7520, 6.0383, -23.4615
Hunter-Lab	12.3803, -6.3921, -1.6757

Details

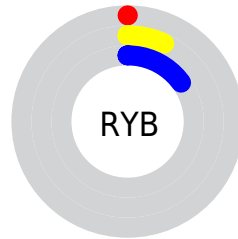
The Decimal color **9767** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2556160**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **3167060**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **9767**, and if you desaturate by 10%, it is **271911**.

Distribution



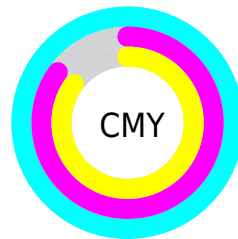
- Red (0%)
- Green (15%)
- Blue (15%)



- Red (0%)
- Yellow (7%)
- Blue (15%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (85%)



- Cyan (100%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9767 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 9767 by changing the saturation by 10% instead.



9767



9767



15204351



4626



3167060



0



4746092



6325637



8036255



9747130



11523798



13366002



9767

■ 271911

■ 534055

■ 796199

■ 1058343

■ 1320743

■ 1517351

■ 1779495

■ 2041639

■ 2303783

Harmonies

Analogous

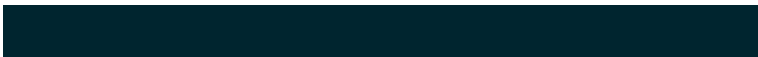
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



665118



9767



9519

Triad

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



9767



2759981



2760462

Complementary

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



9767



2556160

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.



3152915



9767



3217957

Square

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



9767



1908786



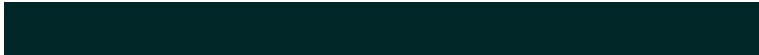
3349019



2171407

Rectangle

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



9767



533554



3349019



2956815

Sweetspot

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



9767



2372403



9985



1055002



10066329



1710618

Same Dimension

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



9767



12851



4903



1184788



21076



52948

Inverse Universe

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



2555942



3342386



2561024



1315348



5505106



13893838

Previews

White Background



This preview shows how the Decimal color 9767 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

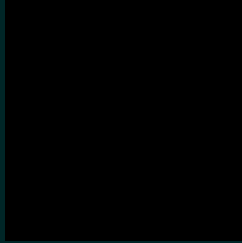
Any Text WCAG AA × Fail

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 9767 Background



This preview shows how black text looks on a background with the Decimal color 9767.



This preview shows how white text looks on a background with the Decimal color 9767.

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
9767

Protanopia
2236964

Deuteranopia
2236712



Tritanopia
402985

Trichromacy



Original Color
9767

Protanomaly
1450789

Deuteranomaly
1450792

Tritanomaly
271912

Monochromacy



Original Color
9767

Achromatopsia
1776411

Achromatomaly
1122079

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9767 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 #002627 looks like.

```
.text, #text, p{  
    color:#002627  
}
```

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 #002627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002627
}
```

Border

The CSS property to change the border of an element to Decimal 9767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

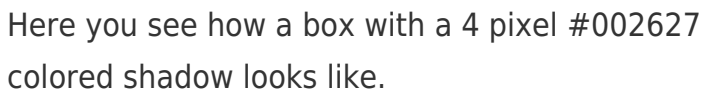
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002627 }
```

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

```
.border{ border-color:#002627 }
```

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



Here you see how a box with a 4 pixel #002627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002627; -webkit-box-shadow:4px 4px  
4px 4px #002627; box-shadow:4px 4px 4px  
4px #002627 }
```

Background

The CSS property to change the background color of an element to Decimal 9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002627 }
```

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

```
.background{ background-color:#002627 }
```

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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