

Converting Colors

Decimal(16983)

Have a look what the booklet for
Decimal(16983) contains.

Decimal(16983)	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(16983)

Conversions

Conversions Part 1

Format	Color
Hex	004257
RGB	0, 66, 87
RGB Percent	0%, 26%, 34%
CMY	1.0000, 0.7412, 0.6588
CMYK	1.00, 0.24, 0.00, 0.66
HSL	194°, 100%, 17%
HSV	194°, 100%, 34%
XYZ	3.6685, 4.5845, 9.7084
YIQ	48.6600, -46.0770, -7.4610

Conversions

Conversions Part 2

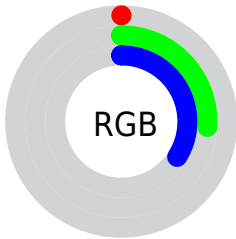
Format	Color
RYB	0, 38, 87
Decimal	16983
CIELab	25.52, -9.98, -17.77
CIELCh	26, 20.378, 240.686
Yxy	4.5845, 0.2042, 0.2552
Android (android.graphics.Color)	4278207063 (0xFF004257)
YUV	48.6600, 18.9016, -42.6748
Hunter-Lab	21.4116, -6.8872, -11.8950

Details

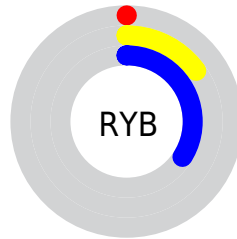
The Decimal color **16983** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5707008**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4223625**, and **6186** is the 20% darker color. If you saturate the color by 10%, you get **16983**, and if you desaturate by 10%, it is **607319**.

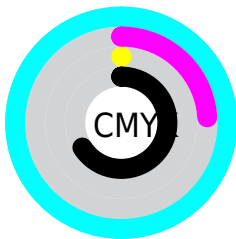
Distribution



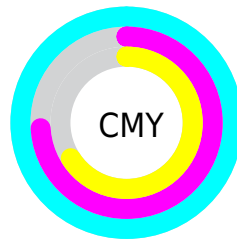
- Red (0%)
- Green (26%)
- Blue (34%)



- Red (0%)
- Yellow (15%)
- Blue (34%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16983 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 16983 by changing the saturation by 10% instead.

■ 16983 ■ 16983

16777215 ■ 11328

■ 4223625 ■ 6186

■ 5933987 ■ 277

■ 7710398 ■ 0

■ 9486810

■ 11263479

■ 13171199

■ 15007743

■ 16983

■ 607319

■ 1132119

■ 1722455

■ 2312791

■ 2903383

■ 3428183

■ 4018519

■ 4608855

■ 5133655

Harmonies

Analogous

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



17484



16983



2440795

Triad

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



16983



5845053



3555361

Complementary

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



16983



5707008

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.



4602909



16983



5845550

Square

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



16983



5256012



5387810



2310957

Rectangle

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



16983



3619417



5387810



3948319

Sweetspot

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



16983



5204080



22292



2372408



12105912



3684408

Same Dimension

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



16983



21872



5975



2566699



20843



45803

Inverse Universe

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



5701698



7340117



5718016



2828074



7012433



15401138

Previews

White Background



This preview shows how the Decimal color 16983 looks on a white background.

Color Contrast Check

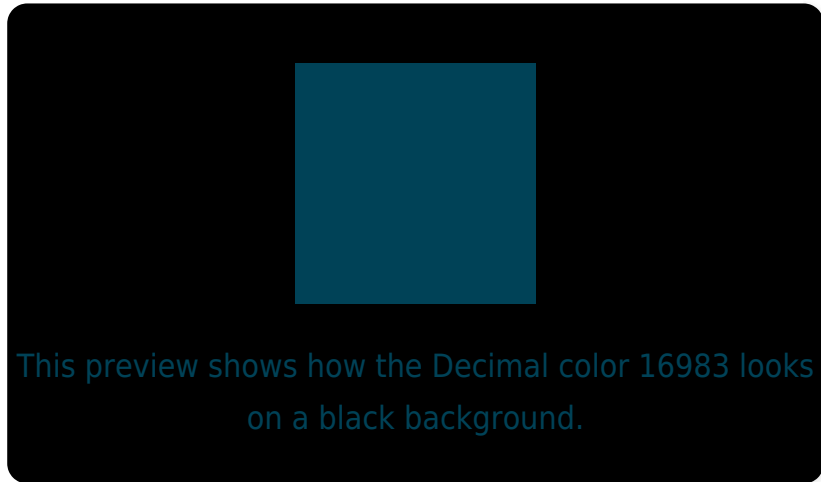
Large Text (above 18pt) WCAG AA ✓ Pass

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

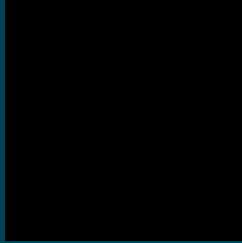
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

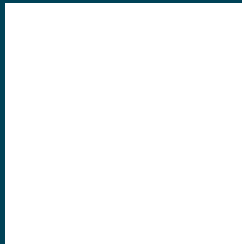
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16983 Background



This preview shows how black text looks on a background with the Decimal color 16983.



This preview shows how white text looks on a background with the Decimal color 16983.

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
16983

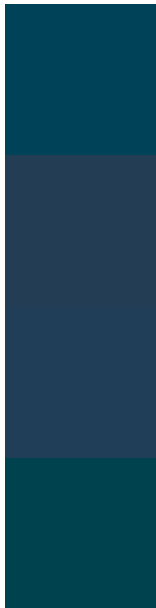
Protanopia
3619922

Deuteranopia
3292248



Tritanopia
17481

Trichromacy



Original Color
16983

Protanomaly
2309716

Deuteranomaly
2113112

Tritanomaly
17230

Monochromacy



Original Color
16983

Achromatopsia
3223857

Achromatomaly
2045759

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16983 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 #004257 looks like.

```
.text, #text, p{  
    color:#004257  
}
```

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 #004257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004257
}
```

Border

The CSS property to change the border of an element to Decimal 16983 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
#004257 }
```

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

```
.border{ border-color:#004257 }
```

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

Here you see how a box with a 4 pixel #004257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004257; -webkit-box-shadow:4px 4px  
4px 4px #004257; box-shadow:4px 4px 4px  
4px #004257 }
```

Background

The CSS property to change the background color of an element to Decimal 16983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004257 }
```

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

```
.background{ background-color:#004257 }
```

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