

Converting Colors

Hex(004963)

Have a look what the booklet for
Hex(004963) contains.

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Color

Hex(004963)

Conversions

Conversions Part 1

Format	Color
Hex	004963
RGB	0, 73, 99
RGB Percent	0%, 29%, 39%
CMY	1.0000, 0.7137, 0.6118
CMYK	1.00, 0.26, 0.00, 0.61
HSL	196°, 100%, 19%
HSV	196°, 100%, 39%
XYZ	4.6347, 5.6659, 12.6537
YIQ	54.1370, -51.8540, -7.3900

Conversions

Conversions Part 2

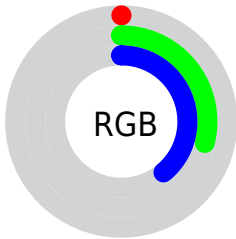
Format	Color
RYB	0, 42, 99
Decimal	18787
CIELab	28.55, -9.37, -20.78
CIELCh	29, 22.799, 245.727
Yxy	5.6659, 0.2019, 0.2468
Android (android.graphics.Color)	4278208867 (0xFF004963)
YUV	54.1370, 22.1175, -47.4781
Hunter-Lab	23.8032, -6.9003, -14.8562

Details

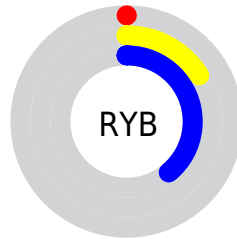
The Hex color **004963** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **631A00**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **447A96**, and **001E34** is the 20% darker color. If you saturate the color by 10%, you get **004963**, and if you desaturate by 10%, it is **0A4C63**.

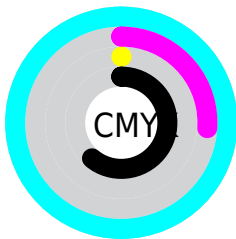
Distribution



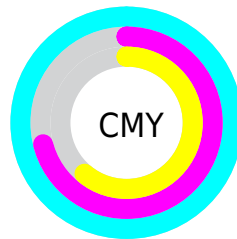
- Red (0%)
- Green (29%)
- Blue (39%)



- Red (0%)
- Yellow (16%)
- Blue (39%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004963 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 Hex color 004963 by changing the saturation by 10% instead.

004963

004963

FFFFFF

00324B

447A96

001E34

5F93B1

00021F

7AAECC

000003

95C9E8

000000

B1E5FF

CEFFFF

EBFFFF

004963

■ 0A4C63

■ 144E63

■ 1E5163

■ 285363

■ 325663

■ 3B5963

■ 455B63

■ 4F5E63

■ 596063

Harmonies

Analogous

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



004C57



004963



2E4466

Triad

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



004963



643541



384826

Complementary

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



004963



631A00

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.



4B4320



004963



633830

Square

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



004963



5C3852



5A3D23



224B34

Rectangle

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



004963



414063



5A3D23



3F4723

Sweetspot

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



004963



597580



006319



293A40



BFBFBF



404040

Same Dimension

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



004963



005E80



001963



2C2F30



005370



00B1F0

Inverse Universe

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



630049



80005E



634A00



302C2F



700053



F000B1

Previews

White Background



This preview shows how the Hex color 004963 looks on a white background.

Color Contrast Check

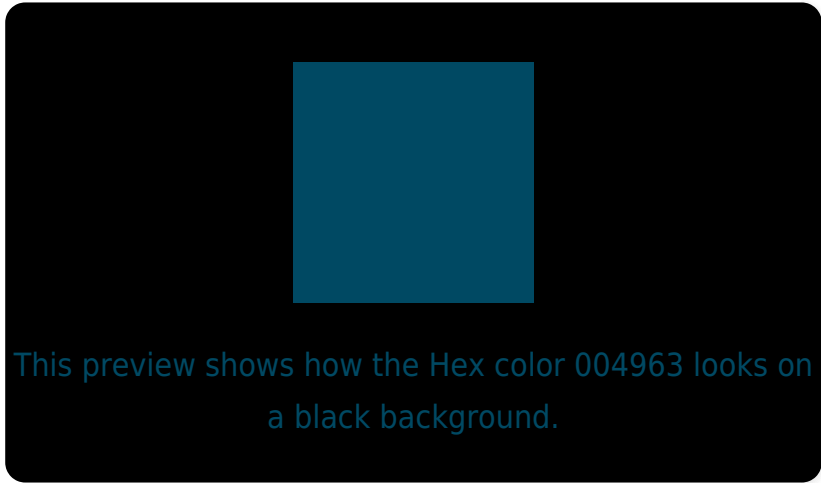
Large Text (above 18pt) WCAG AA ✓ Pass

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

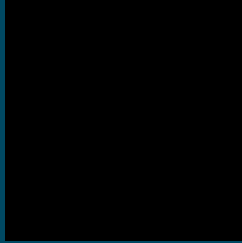
Any Text WCAG AA × Fail

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](#).

Hex 004963 Background



This preview shows how black text looks on a background with the Hex color 004963.

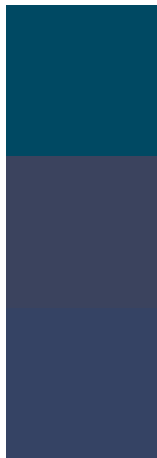


This preview shows how white text looks on a background with the Hex color 004963.

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
004963

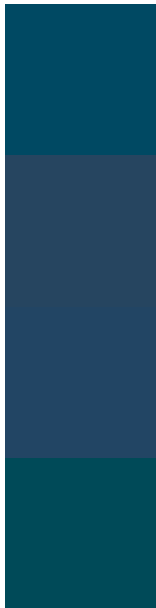
Protanopia
3B435E

Deuteranopia
354364



Tritanopia
004B51

Trichromacy



Original Color
004963

Protanomaly
264560

Deuteranomaly
224564

Tritanomaly
004A58

Monochromacy



Original Color
004963

Achromatopsia
363636

Achromatomaly
223D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 004963 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 #004963 looks like.

```
.text, #text, p{  
    color:#004963  
}
```

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 #004963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004963
}
```

Border

The CSS property to change the border of an element to Hex 004963 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
#004963 }
```

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

```
.border{ border-color:#004963 }
```

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

Here you see how a box with a 4 pixel #004963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004963; -webkit-box-shadow:4px 4px  
4px 4px #004963; box-shadow:4px 4px 4px  
4px #004963 }
```

Background

The CSS property to change the background color of an element to Hex 004963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004963 }
```

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

```
.background{ background-color:#004963 }
```

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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