

Converting Colors

Hex(004C67)

Have a look what the booklet for
Hex(004C67) contains.

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Color

Hex(004C67)

Conversions

Conversions Part 1

Format	Color
Hex	004C67
RGB	0, 76, 103
RGB Percent	0%, 30%, 40%
CMY	1.0000, 0.7020, 0.5961
CMYK	1.00, 0.26, 0.00, 0.60
HSL	196°, 100%, 20%
HSV	196°, 100%, 40%
XYZ	5.0326, 6.1482, 13.7534
YIQ	56.3540, -53.9630, -7.7150

Conversions

Conversions Part 2

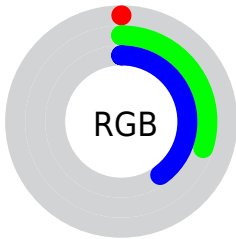
Format	Color
RYB	0, 44, 103
Decimal	19559
CIELab	29.78, -9.59, -21.41
CIElCh	30, 23.461, 245.879
Yxy	6.1482, 0.2018, 0.2466
Android (android.graphics.Color)	4278209639 (0xFF004C67)
YUV	56.3540, 22.9965, -49.4225
Hunter-Lab	24.7955, -7.1628, -15.5298

Details

The Hex color **004C67** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **671B00**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **457D9A**, and **002038** is the 20% darker color. If you saturate the color by 10%, you get **004C67**, and if you desaturate by 10%, it is **0A4F67**.

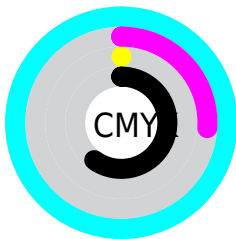
Distribution



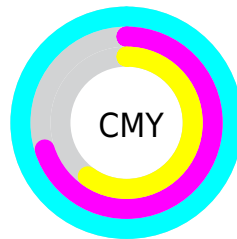
- Red (0%)
- Green (30%)
- Blue (40%)



- Red (0%)
- Yellow (17%)
- Blue (40%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C67 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 004C67 by changing the saturation by 10% instead.

004C67

004C67

FFFFFF

00354F

457D9A

002038

6097B5

000223

7CB1D1

000009

97CDED

000000

B3E9FF

D0FFFF

EDFFFF

004C67

■ 0A4F67

■ 155167

■ 1F5467

■ 295767

■ 345A67

■ 3E5C67

■ 485F67

■ 526267

■ 5D6467

Harmonies

Analogous

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



004F5B



004C67



30476A

Triad

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



004C67



693743



3B4B28

Complementary

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



004C67



671B00

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.



4E4621



004C67



673A32

Square

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



004C67



603A55



5E4025



234E37

Rectangle

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



004C67



444267



5E4025



424A24

Sweetspot

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



004C67



5F7D87



00671A



2C3E45



C4C4C4



454545

Same Dimension

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



004C67



006487



001A67



2E3233



005573



00B3F2

Inverse Universe

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



67004C



870064



674D00



332E32



730055



F200B3

Previews

White Background



This preview shows how the Hex color 004C67 looks on a white background.

Color Contrast Check

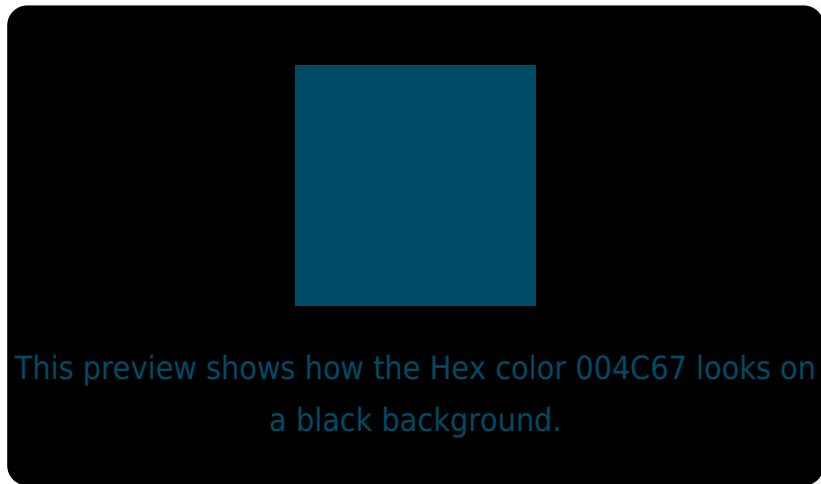
Large Text (above 18pt) WCAG AA ✓ Pass

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

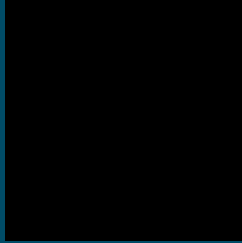
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

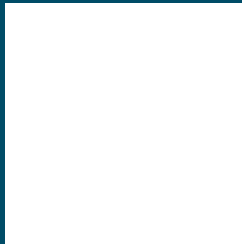
Any Text WCAG AAA × Fail

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

Hex 004C67 Background



This preview shows how black text looks on a background with the Hex color 004C67.

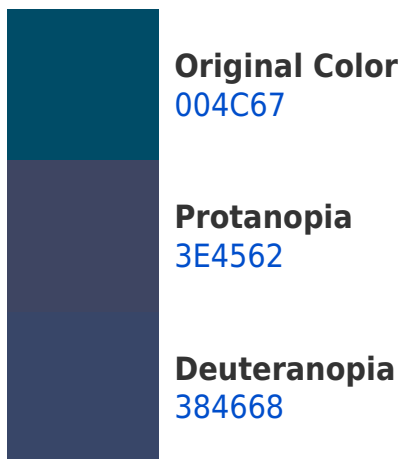


This preview shows how white text looks on a background with the Hex color 004C67.

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](#).

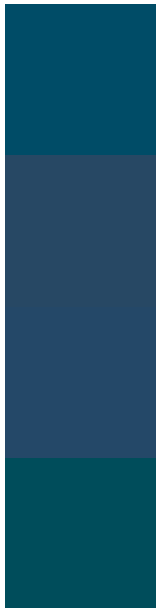
Dichromacy





Tritanopia
004E54

Trichromacy



Original Color
004C67

Protanomaly
274864

Deuteranomaly
244868

Tritanomaly
004D5B

Monochromacy



Original Color
004C67

Achromatopsia
383838

Achromatomaly
243F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C67 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 #004C67 looks like.

```
.text, #text, p{  
    color:#004C67  
}
```

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 #004C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C67
}
```

Border

The CSS property to change the border of an element to Hex 004C67 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
#004C67 }
```

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

```
.border{ border-color:#004C67 }
```

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

Here you see how a box with a 4 pixel #004C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C67; -webkit-box-shadow:4px 4px  
4px 4px #004C67; box-shadow:4px 4px 4px  
4px #004C67 }
```

Background

The CSS property to change the background color of an element to Hex 004C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C67 }
```

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

```
.background{ background-color:#004C67 }
```

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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