

Converting Colors

Hex(004C6C)

Have a look what the booklet for
Hex(004C6C) contains.

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Color

Hex(004C6C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 004C6C |
| RGB | 0, 76, 108 |
| RGB Percent | 0%, 30%, 42% |
| CMY | 1.0000, 0.7020, 0.5765 |
| CMYK | 1.00, 0.30, 0.00, 0.58 |
| HSL | 198°, 100%, 21% |
| HSV | 198°, 100%, 42% |
| XYZ | 5.2912, 6.2516, 15.1152 |
| YIQ | 56.9240, -55.5680, -6.1600 |

Conversions

Conversions Part 2

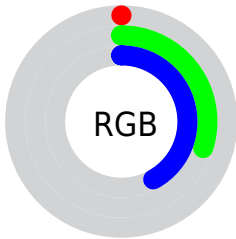
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 45, 108 |
| Decimal | 19564 |
| CIELab | 30.04, -7.53, -24.18 |
| CIELCh | 30, 25.325, 252.712 |
| Yxy | 6.2516, 0.1985, 0.2345 |
| Android (android.graphics.Color) | 4278209644 (0xFF004C6C) |
| YUV | 56.9240, 25.1805, -49.9223 |
| Hunter-Lab | 25.0032, -5.9811, -18.3403 |

Details

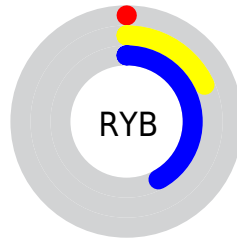
The Hex color **004C6C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6C2000**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **477DA0**, and **00203C** is the 20% darker color. If you saturate the color by 10%, you get **004C6C**, and if you desaturate by 10%, it is **0B4F6C**.

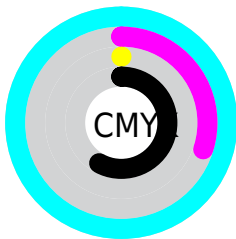
Distribution



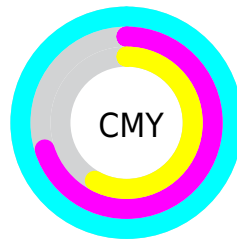
- Red (0%)
- Green (30%)
- Blue (42%)



- Red (0%)
- Yellow (18%)
- Blue (42%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C6C 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 004C6C by changing the saturation by 10% instead.

004C6C

004C6C

FFFFFF

003554

477DA0

00203C

6297BB

000327

7DB1D6

000110

99CDF3

000000

B5E9FF

D2FFFF

FFFFFF

004C6C

■ 0B4F6C

■ 16526C

■ 20566C

■ 2B596C

■ 365C6C

■ 415F6C

■ 4C626C

■ 56666C

■ 61696C

Harmonies

Analogous

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



005061



004C6C



36466D

Triad

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



004C6C



6C373F



354D29

Complementary

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



004C6C



6C2000

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.



4B481F



004C6C



683B2D

Square

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



004C6C



653853



5C4221



18503A

Rectangle

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



004C6C



4B4168



5C4221



3D4C25

Sweetspot

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



004C6C



62808C



006C1F



2E4047



C7C7C7



474747

Same Dimension

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



004C6C



00638C



00176C



303436



005375



00ACF5

Inverse Universe

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



6C004C



8C0063



6C5500



363034



750053



F500AC

Previews

White Background



This preview shows how the Hex color 004C6C looks on a white background.

Color Contrast Check

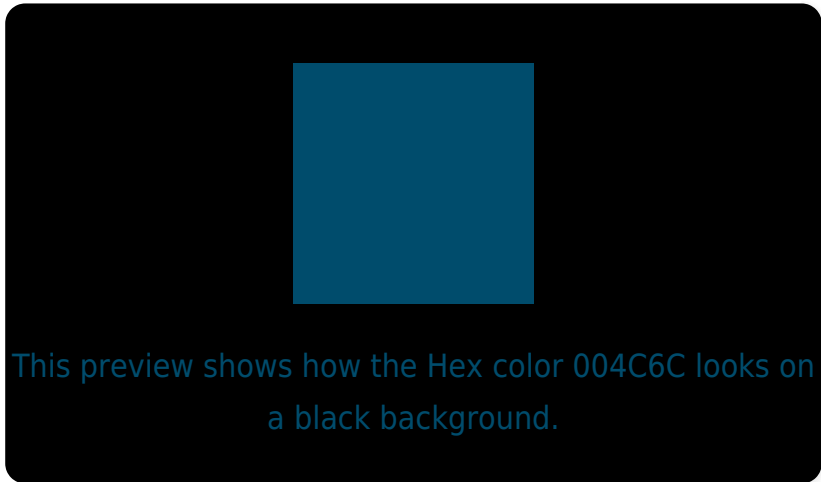
Large Text (above 18pt) WCAG AA ✓ Pass

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

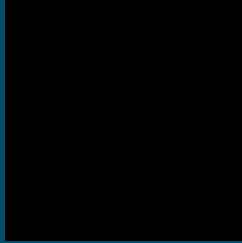
Any Text WCAG AA × Fail

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 004C6C Background



This preview shows how black text looks on a background with the Hex color 004C6C.

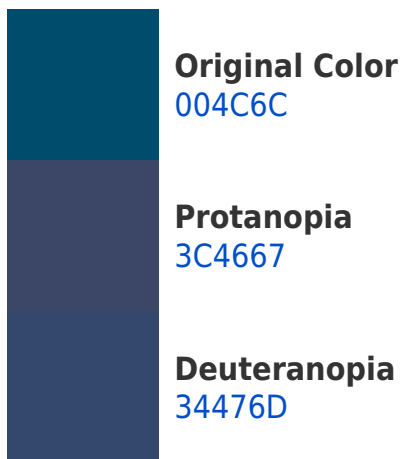


This preview shows how white text looks on a background with the Hex color 004C6C.

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
004F55

Trichromacy



Original Color
004C6C

Protanomaly
264869

Deuteranomaly
21496D

Tritanomaly
004E5D

Monochromacy



Original Color
004C6C

Achromatopsia
393939

Achromatomaly
24404C

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C6C 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 #004C6C looks like.

```
.text, #text, p{  
    color:#004C6C  
}
```

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 #004C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C6C
}
```

Border

The CSS property to change the border of an element to Hex 004C6C 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
#004C6C }
```

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

```
.border{ border-color:#004C6C }
```

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

Here you see how a box with a 4 pixel #004C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C6C; -webkit-box-shadow:4px 4px  
4px 4px #004C6C; box-shadow:4px 4px 4px  
4px #004C6C }
```

Background

The CSS property to change the background color of an element to Hex 004C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C6C }
```

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

```
.background{ background-color:#004C6C }
```

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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