

Converting Colors

Hex(004B68)

Have a look what the booklet for
Hex(004B68) contains.

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Color

Hex(004B68)

Conversions

Conversions Part 1

Format	Color
Hex	004B68
RGB	0, 75, 104
RGB Percent	0%, 29%, 41%
CMY	1.0000, 0.7059, 0.5922
CMYK	1.00, 0.28, 0.00, 0.59
HSL	197°, 100%, 20%
HSV	197°, 100%, 41%
XYZ	5.0148, 6.0316, 13.9966
YIQ	55.8810, -54.0090, -6.8810

Conversions

Conversions Part 2

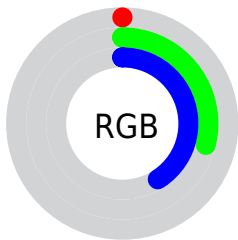
Format	Color
RYB	0, 44, 104
Decimal	19304
CIELab	29.49, -8.56, -22.50
CIELCh	29, 24.074, 249.184
Yxy	6.0316, 0.2002, 0.2409
Android (android.graphics.Color)	4278209384 (0xFF004B68)
YUV	55.8810, 23.7227, -49.0076
Hunter-Lab	24.5594, -6.5311, -16.5984

Details

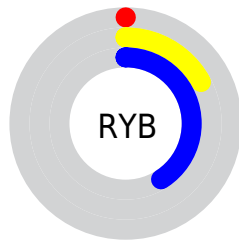
The Hex color **004B68** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **681D00**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **457C9B**, and **001F39** is the 20% darker color. If you saturate the color by 10%, you get **004B68**, and if you desaturate by 10%, it is **0A4E68**.

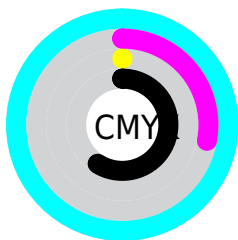
Distribution



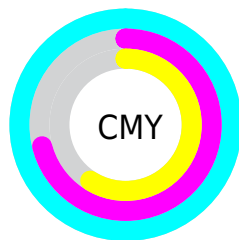
- Red (0%)
- Green (29%)
- Blue (41%)



- Red (0%)
- Yellow (17%)
- Blue (41%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B68 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 004B68 by changing the saturation by 10% instead.

 004B68

 004B68

FFFFFF

 003450

 457C9B

 001F39

 6196B6

 000223

 7CB0D2

 00000B

 97CCEE

 000000

 B3E8FF

 D0FFFF

 EDFFFF

 004B68

■ 0A4E68

■ 155168

■ 1F5468

■ 2A5768

■ 345A68

■ 3E5C68

■ 495F68

■ 536268

■ 5E6568

Harmonies

Analogous

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



004E5C



004B68



32456A

Triad

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



004B68



693640



374B28

Complementary

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



004B68



681D00

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.



4B4620



004B68



66392F

Square

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



004B68



613853



5C4023



1E4E38

Rectangle

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



004B68



464166



5C4023



3E4A24

Sweetspot

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



004B68



5F7C87



00681C



2C3E45



C4C4C4



454545

Same Dimension

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



004B68



006187



001868



2E3233



005373



00AFF2

Inverse Universe

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



68004B



870061



685000



332E32



730053



F200AF

Previews

White Background



This preview shows how the Hex color 004B68 looks on a white background.

Color Contrast Check

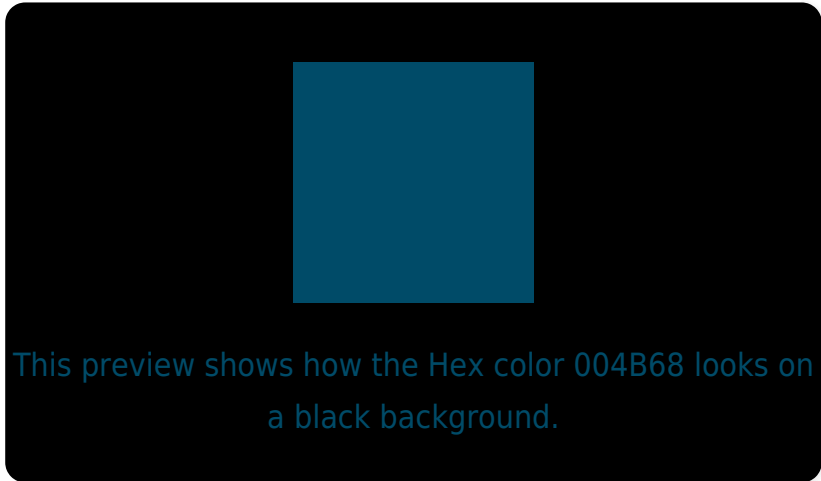
Large Text (above 18pt) WCAG AA ✓ Pass

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

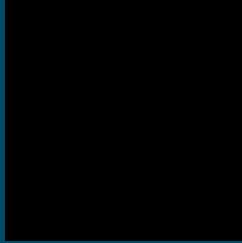
Any Text WCAG AA × Fail

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 004B68 Background



This preview shows how black text looks on a background with the Hex color 004B68.

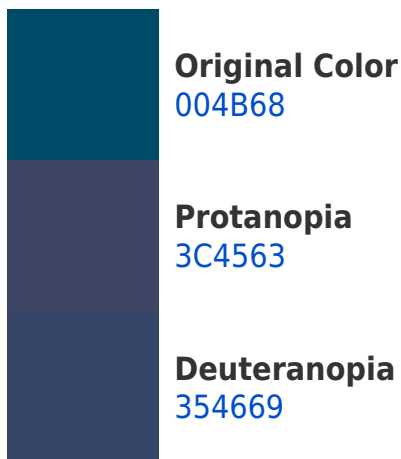


This preview shows how white text looks on a background with the Hex color 004B68.

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



Trichromacy



Original Color
004B68

Protanomaly
264765

Deuteranomaly
224869

Monochromacy



Original Color
004B68

Achromatopsia
383838

Achromatomaly
243F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B68 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 #004B68 looks like.

```
.text, #text, p{  
    color:#004B68  
}
```

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 #004B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B68
}
```

Border

The CSS property to change the border of an element to Hex 004B68 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
#004B68 }
```

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

```
.border{ border-color:#004B68 }
```

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

Here you see how a box with a 4 pixel #004B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B68; -webkit-box-shadow:4px 4px  
4px 4px #004B68; box-shadow:4px 4px 4px  
4px #004B68 }
```

Background

The CSS property to change the background color of an element to Hex 004B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B68 }
```

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

```
.background{ background-color:#004B68 }
```

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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