

Converting Colors

Hex(004869)

Have a look what the booklet for
Hex(004869) contains.

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Color

Hex(004869)

Conversions

Conversions Part 1

Format	Color
Hex	004869
RGB	0, 72, 105
RGB Percent	0%, 28%, 41%
CMY	1.0000, 0.7176, 0.5882
CMYK	1.00, 0.31, 0.00, 0.59
HSL	199°, 100%, 21%
HSV	199°, 100%, 41%
XYZ	4.8672, 5.6547, 14.1995
YIQ	54.2340, -53.5050, -5.0010

Conversions

Conversions Part 2

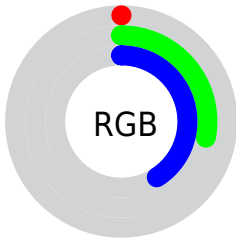
Format	Color
RYB	0, 43, 105
Decimal	18537
CIELab	28.52, -6.24, -24.66
CIELCh	29, 25.435, 255.798
Yxy	5.6547, 0.1969, 0.2287
Android (android.graphics.Color)	4278208617 (0xFF004869)
YUV	54.2340, 25.0276, -47.5632
Hunter-Lab	23.7795, -5.0789, -18.7584

Details

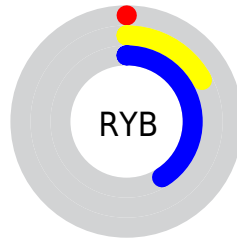
The Hex color **004869** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **692100**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **45789C**, and **001D3A** is the 20% darker color. If you saturate the color by 10%, you get **004869**, and if you desaturate by 10%, it is **0A4B69**.

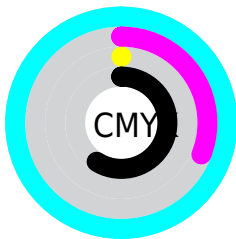
Distribution



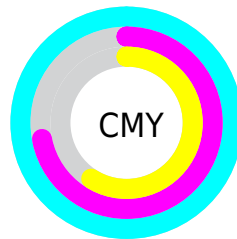
- Red (0%)
- Green (28%)
- Blue (41%)



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



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004869 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 004869 by changing the saturation by 10% instead.

004869

004869

FFFFFF

003251

45789C

001D3A

6192B7

000224

7CADD3

00000C

97C8EF

000000

B3E4FF

D0FFFF

EDFFFF

004869

■ 0A4B69

■ 154F69

■ 205269

■ 2A5569

■ 355969

■ 3F5C69

■ 4A5F69

■ 546269

■ 5F6669

Harmonies

Analogous

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



004C5F



004869



364269

Triad

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



004869



68333A



2F4A27

Complementary

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



004869



692100

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.



45451C



004869



643828

Square

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



004869



63344D



573F1D



0E4D39

Rectangle

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



004869



4A3D63



573F1D



374922

Sweetspot

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



004869



607D8A



006920



2C3D45



C4C4C4



454545

Same Dimension

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



004869



005E8A



001569



303436



005075



00A8F5

Inverse Universe

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



690048



8A005E



695400



363034



750050



F500A8

Previews

White Background



This preview shows how the Hex color 004869 looks on a white background.

Color Contrast Check

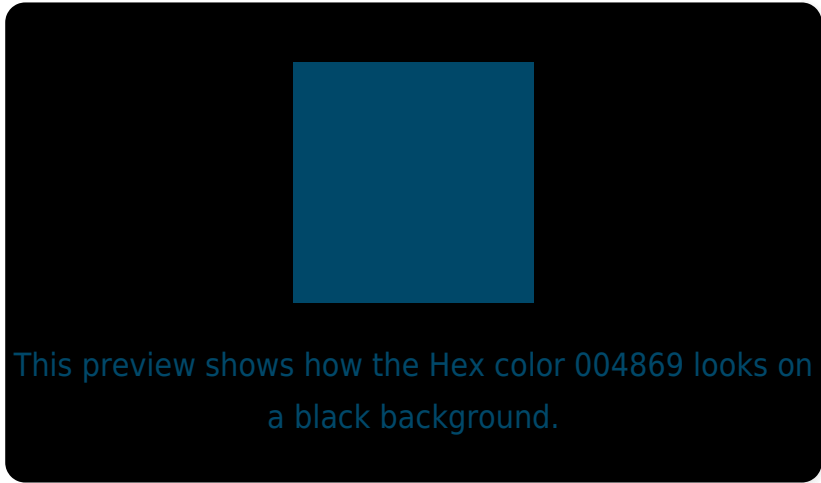
Large Text (above 18pt) WCAG AA ✓ Pass

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

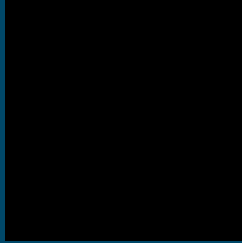
Any Text WCAG AA × Fail

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 004869 Background



This preview shows how black text looks on a background with the Hex color 004869.

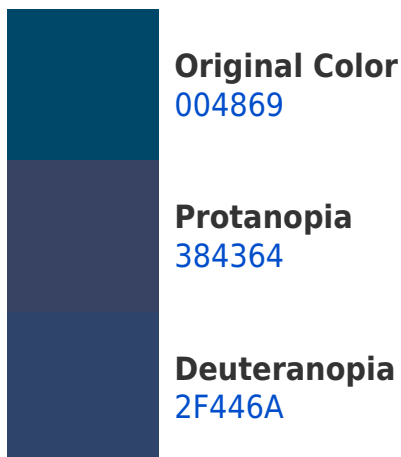


This preview shows how white text looks on a background with the Hex color 004869.

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
004B51

Trichromacy



Original Color
004869

Protanomaly
244566

Deuteranomaly
1E456A

Tritanomaly
004A5A

Monochromacy



Original Color
004869

Achromatopsia
363636

Achromatomaly
223D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 004869 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 #004869 looks like.

```
.text, #text, p{  
    color:#004869  
}
```

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 #004869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004869
}
```

Border

The CSS property to change the border of an element to Hex 004869 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
#004869 }
```

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

```
.border{ border-color:#004869 }
```

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

Here you see how a box with a 4 pixel #004869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004869; -webkit-box-shadow:4px 4px  
4px 4px #004869; box-shadow:4px 4px 4px  
4px #004869 }
```

Background

The CSS property to change the background color of an element to Hex 004869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004869 }
```

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

```
.background{ background-color:#004869 }
```

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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