

Converting Colors

Hex(004669)

Have a look what the booklet for
Hex(004669) contains.

Hex(004669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004669)

Conversions

Conversions Part 1

Format	Color
Hex	004669
RGB	0, 70, 105
RGB Percent	0%, 27%, 41%
CMY	1.0000, 0.7255, 0.5882
CMYK	1.00, 0.33, 0.00, 0.59
HSL	200°, 100%, 21%
HSV	200°, 100%, 41%
XYZ	4.7400, 5.4002, 14.1571
YIQ	53.0600, -52.9550, -3.9550

Conversions

Conversions Part 2

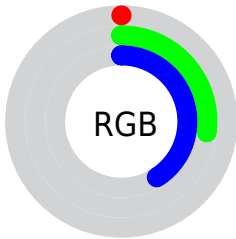
Format	Color
RYB	0, 42, 105
Decimal	18025
CIELab	27.85, -4.95, -25.73
CIELCh	28, 26.197, 259.109
Yxy	5.4002, 0.1951, 0.2223
Android (android.graphics.Color)	4278208105 (0xFF004669)
YUV	53.0600, 25.6064, -46.5336
Hunter-Lab	23.2384, -4.2584, -19.8533

Details

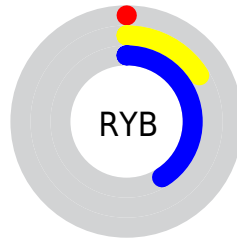
The Hex color **004669** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **692300**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **45769C**, and **001B39** is the 20% darker color. If you saturate the color by 10%, you get **004669**, and if you desaturate by 10%, it is **0A4A69**.

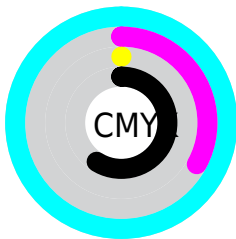
Distribution



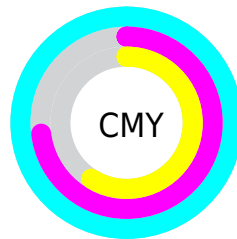
- Red (0%)
- Green (27%)
- Blue (41%)



- Red (0%)
- Yellow (16%)
- Blue (41%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004669 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 004669 by changing the saturation by 10% instead.

 004669

 004669

FFFFFF

 003051

 45769C

 001B39

 6190B7

 000224

 7CAAD3

 00000C

 97C5F0

 000000

 B3E1FF

 D0FEFF

 EDFFFF

 004669

■ 0A4A69

■ 154D69

■ 205169

■ 2A5469

■ 355869

■ 3F5B69

■ 4A5F69

■ 546269

■ 5F6669

Harmonies

Analogous

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



004A60



004669



373F68

Triad

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



004669



683136



2A4926

Complementary

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



004669



692300

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.



41451A



004669



623724

Square

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



004669



63324A



543E19



014B39

Rectangle

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



004669



4B3A61



543E19



324821

Sweetspot

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



004669



607C8A



006923



2C3D45



C4C4C4



454545

Same Dimension

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



004669



005C8A



001369



303436



004E75



00A3F5

Inverse Universe

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



690046



8A005C



695800



363034



75004E



F500A3

Previews

White Background



This preview shows how the Hex color 004669 looks on a white background.

Color Contrast Check

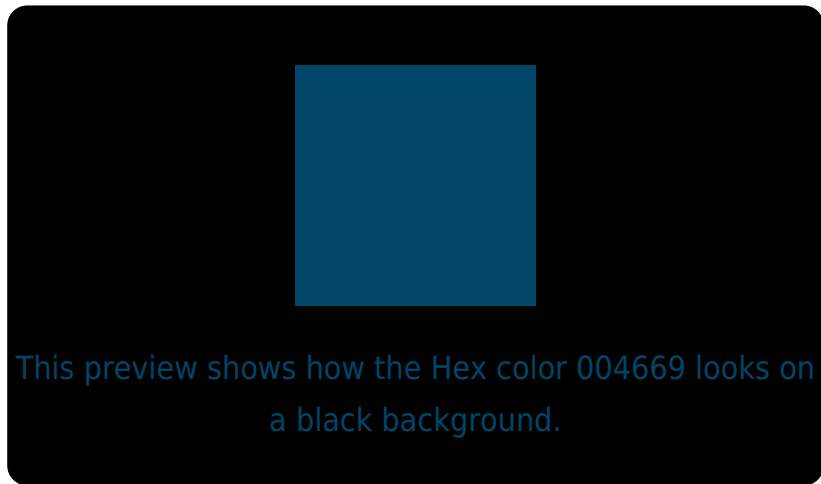
Large Text (above 18pt) WCAG AA ✓ Pass

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

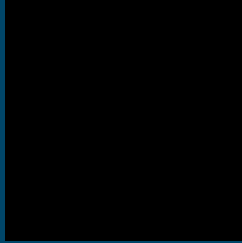
Any Text WCAG AA × Fail

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 004669 Background



This preview shows how black text looks on a background with the Hex color 004669.



This preview shows how white text looks on a background with the Hex color 004669.

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
004669

Protanopia
364165

Deuteranopia
2B426A



Tritanopia
004A4F

Trichromacy



Original Color
004669

Protanomaly
224366

Deuteranomaly
1B436A

Tritanomaly
004958

Monochromacy



Original Color
004669

Achromatopsia
353535

Achromatomaly
223B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 004669 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 #004669 looks like.

```
.text, #text, p{  
    color:#004669  
}
```

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 #004669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004669
}
```

Border

The CSS property to change the border of an element to Hex 004669 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
#004669 }
```

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

```
.border{ border-color:#004669 }
```

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

Here you see how a box with a 4 pixel #004669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004669; -webkit-box-shadow:4px 4px  
4px 4px #004669; box-shadow:4px 4px 4px  
4px #004669 }
```

Background

The CSS property to change the background color of an element to Hex 004669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004669 }
```

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

```
.background{ background-color:#004669 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor