

Converting Colors

Hex(004965)

Have a look what the booklet for
Hex(004965) contains.

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Color

Hex(004965)

Conversions

Conversions Part 1

Format	Color
Hex	004965
RGB	0, 73, 101
RGB Percent	0%, 29%, 40%
CMY	1.0000, 0.7137, 0.6039
CMYK	1.00, 0.28, 0.00, 0.60
HSL	197°, 100%, 20%
HSV	197°, 100%, 40%
XYZ	4.7315, 5.7047, 13.1637
YIQ	54.3650, -52.4960, -6.7680

Conversions

Conversions Part 2

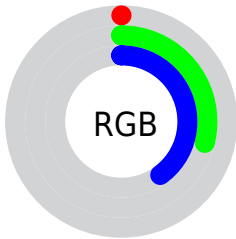
Format	Color
RYB	0, 42, 101
Decimal	18789
CIELab	28.65, -8.55, -21.90
CIELCh	29, 23.511, 248.686
Yxy	5.7047, 0.2005, 0.2417
Android (android.graphics.Color)	4278208869 (0xFF004965)
YUV	54.3650, 22.9911, -47.6781
Hunter-Lab	23.8845, -6.4370, -15.9579

Details

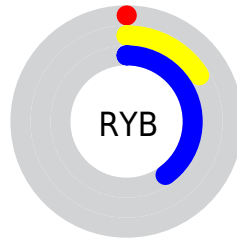
The Hex color **004965** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **651C00**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **447A98**, and **001E36** is the 20% darker color. If you saturate the color by 10%, you get **004965**, and if you desaturate by 10%, it is **0A4C65**.

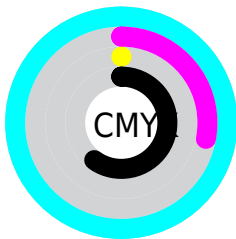
Distribution



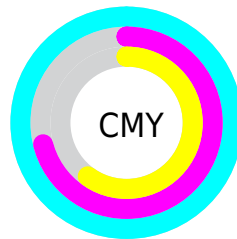
- Red (0%)
- Green (29%)
- Blue (40%)



- Red (0%)
- Yellow (16%)
- Blue (40%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004965 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 004965 by changing the saturation by 10% instead.

■ 004965

■ 004965

FFFFFF

■ 00334D

■ 447A98

■ 001E36

■ 6093B3

■ 000221

■ 7BAECE

■ 000006

■ 96C9EB

■ 000000

■ B2E5FF

■ CEFFFF

■ EBFFFF

■ 004965

■ 0A4C65

■ 144F65

■ 1E5165

■ 285465

■ 335765

■ 3D5A65

■ 475D65

■ 515F65

■ 5B6265

Harmonies

Analogous

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



004C5A



004965



304467

Triad

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



004965



66353F



364926

Complementary

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



004965



651C00

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.



4A441F



004965



64382E

Square

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



004965



5E3751



5A3E22



1E4C36

Rectangle

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



004965



443F63



5A3E22



3D4823

Sweetspot

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



004965



5B7782



00651B



2A3C42



C2C2C2



424242

Same Dimension

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



004965



005E82



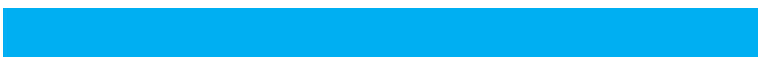
001865



2E3233



005373



00AFF2

Inverse Universe

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



650049



82005E



654D00



332E32



730053



F200AF

Previews

White Background



This preview shows how the Hex color 004965 looks on a white background.

Color Contrast Check

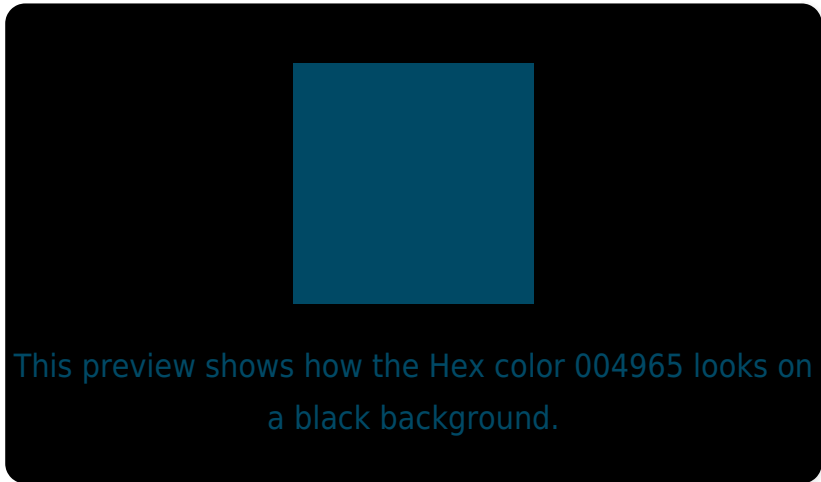
Large Text (above 18pt) WCAG AA ✓ Pass

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

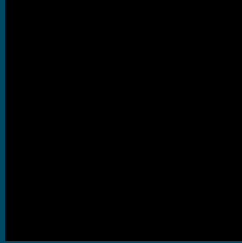
Any Text WCAG AA × Fail

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 004965 Background



This preview shows how black text looks on a background with the Hex color 004965.

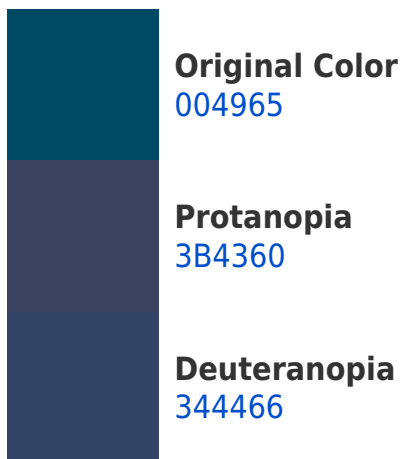


This preview shows how white text looks on a background with the Hex color 004965.

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
004965

Protanomaly
264562

Deuteranomaly
214666

Tritanomaly
004B58

Monochromacy



Original Color
004965

Achromatopsia
363636

Achromatomaly
223D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 004965 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 #004965 looks like.

```
.text, #text, p{  
    color:#004965  
}
```

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 #004965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004965
}
```

Border

The CSS property to change the border of an element to Hex 004965 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
#004965 }
```

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

```
.border{ border-color:#004965 }
```

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

Here you see how a box with a 4 pixel #004965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004965; -webkit-box-shadow:4px 4px  
4px 4px #004965; box-shadow:4px 4px 4px  
4px #004965 }
```

Background

The CSS property to change the background color of an element to Hex 004965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004965 }
```

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

```
.background{ background-color:#004965 }
```

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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