

Converting Colors

Hex(004261)

Have a look what the booklet for
Hex(004261) contains.

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Color

Hex(004261)

Conversions

Conversions Part 1

Format	Color
Hex	004261
RGB	0, 66, 97
RGB Percent	0%, 26%, 38%
CMY	1.0000, 0.7412, 0.6196
CMYK	1.00, 0.32, 0.00, 0.62
HSL	199°, 100%, 19%
HSV	199°, 100%, 38%
XYZ	4.1059, 4.7595, 12.0115
YIQ	49.8000, -49.2870, -4.3510

Conversions

Conversions Part 2

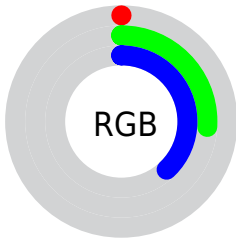
Format	Color
RYB	0, 39, 97
Decimal	16993
CIELab	26.04, -5.76, -23.44
CIELCh	26, 24.138, 256.193
Yxy	4.7595, 0.1967, 0.2280
Android (android.graphics.Color)	4278207073 (0xFF004261)
YUV	49.8000, 23.2696, -43.6746
Hunter-Lab	21.8163, -4.5843, -17.3723

Details

The Hex color **004261** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **611F00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **437294**, and **001832** is the 20% darker color. If you saturate the color by 10%, you get **004261**, and if you desaturate by 10%, it is **0A4561**.

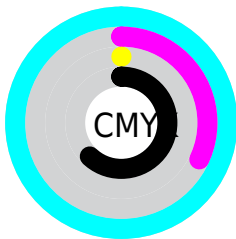
Distribution



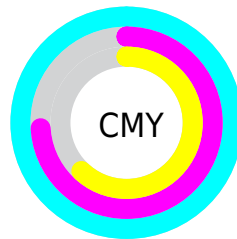
- Red (0%)
- Green (26%)
- Blue (38%)



- Red (0%)
- Yellow (15%)
- Blue (38%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004261 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 004261 by changing the saturation by 10% instead.

004261

004261

FFFFFF

002C49

437294

001832

5E8BAF

00021D

78A5CA

000000

94C1E6

AFDCFF

CCF9FF

E9FFFF

004261

■ 0A4561

■ 134861

■ 1D4B61

■ 274E61

■ 315261

■ 3A5561

■ 445861

■ 4E5B61

■ 575E61

Harmonies

Analogous

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



004658



004261



313C61

Triad

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



004261



602F34



2A4423

Complementary

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



004261



611F00

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.



3F4019



004261



5C3324

Square

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



004261



5B2F47



503A1A



0B4634

Rectangle

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



004261



44375B



503A1A



32431F

Sweetspot

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



004261



57717D



00611F



293840



BFBFBF



404040

Same Dimension

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



004261



00557D



001261



2C2F30



004C70



00A3F0

Inverse Universe

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



610042



7D0055



614F00



302C2F



70004C



F000A3

Previews

White Background



This preview shows how the Hex color 004261 looks on a white background.

Color Contrast Check

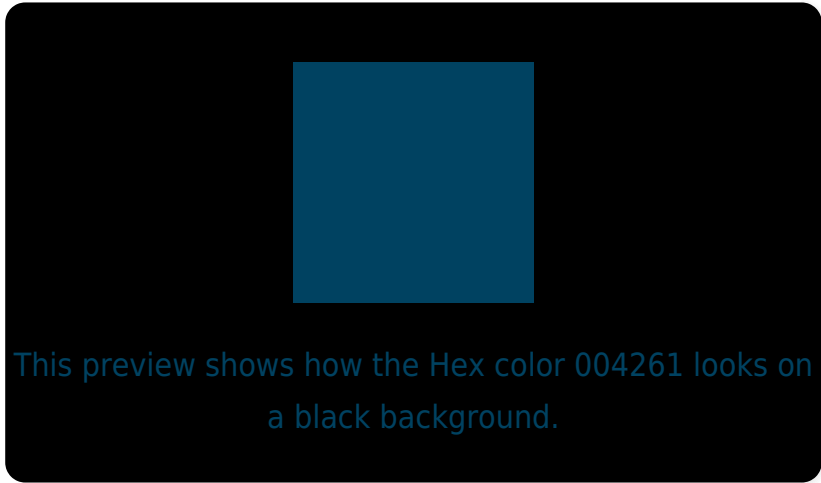
Large Text (above 18pt) WCAG AA ✓ Pass

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

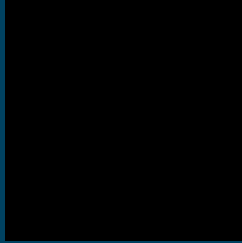
Any Text WCAG AA × Fail

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 004261 Background



This preview shows how black text looks on a background with the Hex color 004261.



This preview shows how white text looks on a background with the Hex color 004261.

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
004261

Protanopia
333D5D

Deuteranopia
2A3E62



Tritanopia
00454A

Trichromacy



Original Color
004261

Protanomaly
203F5E

Deuteranomaly
1B3F62

Tritanomaly
004452

Monochromacy



Original Color
004261

Achromatopsia
323232

Achromatomaly
203843

CSS Examples

Text

The CSS property to change the color of the text to Hex 004261 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 #004261 looks like.

```
.text, #text, p{  
    color:#004261  
}
```

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 #004261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004261
}
```

Border

The CSS property to change the border of an element to Hex 004261 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
#004261 }
```

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

```
.border{ border-color:#004261 }
```

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

Here you see how a box with a 4 pixel #004261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004261; -webkit-box-shadow:4px 4px  
4px 4px #004261; box-shadow:4px 4px 4px  
4px #004261 }
```

Background

The CSS property to change the background color of an element to Hex 004261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004261 }
```

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

```
.background{ background-color:#004261 }
```

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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