

Converting Colors

Hex(004561)

Have a look what the booklet for
Hex(004561) contains.

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Color

Hex(004561)

Conversions

Conversions Part 1

Format	Color
Hex	004561
RGB	0, 69, 97
RGB Percent	0%, 27%, 38%
CMY	1.0000, 0.7294, 0.6196
CMYK	1.00, 0.29, 0.00, 0.62
HSL	197°, 100%, 19%
HSV	197°, 100%, 38%
XYZ	4.2858, 5.1193, 12.0715
YIQ	51.5610, -50.1120, -5.9200

Conversions

Conversions Part 2

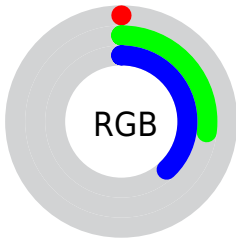
Format	Color
R_{YB}	0, 40, 97
Decimal	17761
CIE _{Lab}	27.07, -7.69, -21.82
CIE _{LCh}	27, 23.133, 250.583
Yxy	5.1193, 0.1996, 0.2384
Android (android.graphics.Color)	4278207841 (0xFF004561)
YUV	51.5610, 22.4014, -45.2190
Hunter-Lab	22.6259, -5.7839, -15.7946

Details

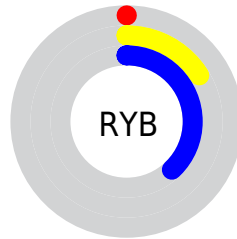
The Hex color **004561** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **611C00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **437594**, and **001A32** is the 20% darker color. If you saturate the color by 10%, you get **004561**, and if you desaturate by 10%, it is **0A4861**.

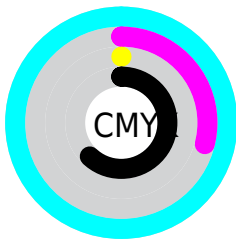
Distribution



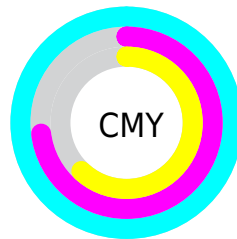
- Red (0%)
- Green (27%)
- Blue (38%)



- Red (0%)
- Yellow (16%)
- Blue (38%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004561 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 004561 by changing the saturation by 10% instead.

004561

004561

FFFFFF

002F49

437594

001A32

5E8FAE

00021D

79A9CA

000000

94C4E6

B0E0FF

CCFDFF

E9FFFF

004561

■ 0A4861

■ 134B61

■ 1D4D61

■ 275061

■ 315361

■ 3A5661

■ 445961

■ 4E5B61

■ 575E61

Harmonies

Analogous

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



004856



004561



2F4063

Triad

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



004561



62313A



314624

Complementary

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



004561



611C00

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.



45411C



004561



5F352A

Square

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



004561



5B334C



543B1F



194834

Rectangle

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



004561



423B5E



543B1F



384421

Sweetspot

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



004561



57727D



00611B



293940



BFBFBF



404040

Same Dimension

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



004561



00597D



001561



2C2F30



005070



00ABF0

Inverse Universe

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



610045



7D0059



614C00



302C2F



700050



F000AB

Previews

White Background



This preview shows how the Hex color 004561 looks on a white background.

Color Contrast Check

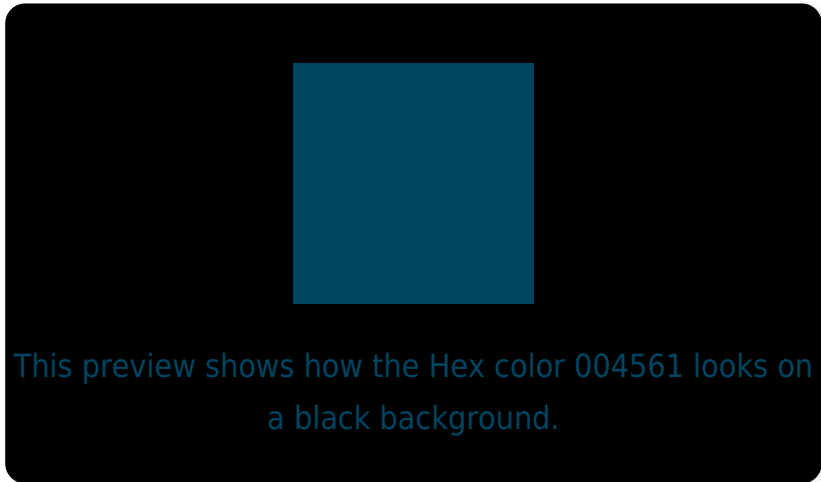
Large Text (above 18pt) WCAG AA ✓ Pass

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

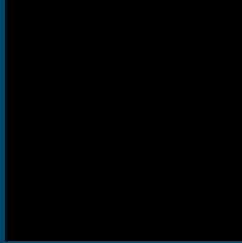
Any Text WCAG AA × Fail

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 004561 Background



This preview shows how black text looks on a background with the Hex color 004561.

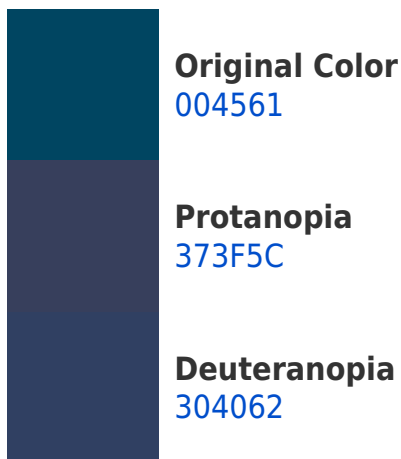


This preview shows how white text looks on a background with the Hex color 004561.

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
00484D

Trichromacy



Original Color
004561

Protanomaly
23415E

Deuteranomaly
1F4262

Tritanomaly
004754

Monochromacy



Original Color
004561

Achromatopsia
343434

Achromatomaly
213A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 004561 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 #004561 looks like.

```
.text, #text, p{  
    color:#004561  
}
```

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 #004561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004561
}
```

Border

The CSS property to change the border of an element to Hex 004561 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
#004561 }
```

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

```
.border{ border-color:#004561 }
```

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

Here you see how a box with a 4 pixel #004561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004561; -webkit-box-shadow:4px 4px  
4px 4px #004561; box-shadow:4px 4px 4px  
4px #004561 }
```

Background

The CSS property to change the background color of an element to Hex 004561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004561 }
```

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

```
.background{ background-color:#004561 }
```

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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