

Converting Colors

Hex(004860)

Have a look what the booklet for
Hex(004860) contains.

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Color

Hex(004860)

Conversions

Conversions Part 1

Format	Color
Hex	004860
RGB	0, 72, 96
RGB Percent	0%, 28%, 38%
CMY	1.0000, 0.7176, 0.6235
CMYK	1.00, 0.25, 0.00, 0.62
HSL	195°, 100%, 19%
HSV	195°, 100%, 38%
XYZ	4.4287, 5.4793, 11.8905
YIQ	53.2080, -50.6160, -7.8000

Conversions

Conversions Part 2

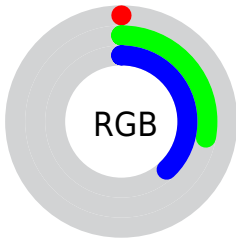
Format	Color
RYB	0, 41, 96
Decimal	18528
CIELab	28.06, -9.99, -19.63
CIELCh	28, 22.028, 243.039
Yxy	5.4793, 0.2032, 0.2514
Android (android.graphics.Color)	4278208608 (0xFF004860)
YUV	53.2080, 21.0965, -46.6634
Hunter-Lab	23.4078, -7.1920, -13.7322

Details

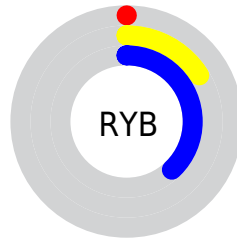
The Hex color **004860** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **601800**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **437893**, and **001D32** is the 20% darker color. If you saturate the color by 10%, you get **004860**, and if you desaturate by 10%, it is **0A4A60**.

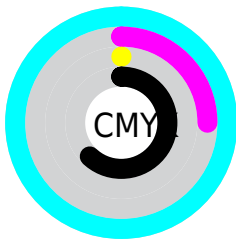
Distribution



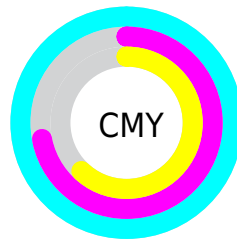
- Red (0%)
- Green (28%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004860 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 004860 by changing the saturation by 10% instead.

004860

004860

FFFFFF

003248

437893

001D32

5E92AD

00021D

79ADC9

000000

94C8E5

B0E4FF

CCFFFF

E9FFFF

004860

■ 0A4A60

■ 134D60

■ 1D4F60

■ 265260

■ 305460

■ 3A5660

■ 435960

■ 4D5B60

■ 565E60

Harmonies

Analogous

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



004B54



004860



2B4364

Triad

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



004860



623541



394725

Complementary

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



004860



601800

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.



4B4220



004860



623731

Square

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



004860



593752



593C24



244A32

Rectangle

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



004860



3E3F61



593C24



404522

Sweetspot

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



004860



57747D



006018



293A40



BFBFBF



404040

Same Dimension

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



004860



005E7D



001860



2C2F30



005470



00B4F0

Inverse Universe

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



600048



7D005E



604800



302C2F



700054



F000B4

Previews

White Background



This preview shows how the Hex color 004860 looks on a white background.

Color Contrast Check

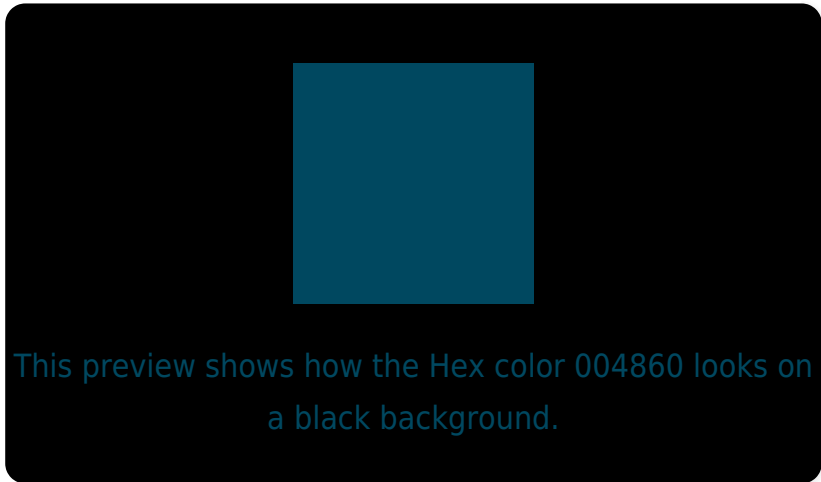
Large Text (above 18pt) WCAG AA ✓ Pass

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

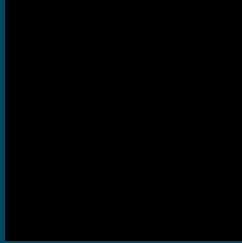
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

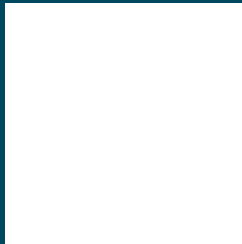
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 004860 Background



This preview shows how black text looks on a background with the Hex color 004860.

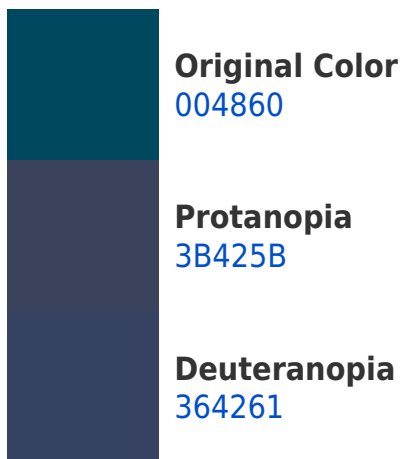



This preview shows how white text looks on a background with the Hex color 004860.

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](#).

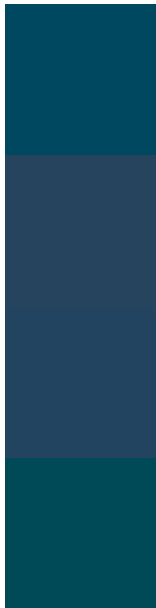
Dichromacy





Tritanopia
004A50

Trichromacy



Original Color
004860

Protanomaly
26445D

Deuteranomaly
224461

Tritanomaly
004956

Monochromacy



Original Color
004860

Achromatopsia
353535

Achromatomaly
223C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 004860 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 #004860 looks like.

```
.text, #text, p{  
    color:#004860  
}
```

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 #004860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004860
}
```

Border

The CSS property to change the border of an element to Hex 004860 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
#004860 }
```

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

```
.border{ border-color:#004860 }
```

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

Here you see how a box with a 4 pixel #004860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004860; -webkit-box-shadow:4px 4px  
4px 4px #004860; box-shadow:4px 4px 4px  
4px #004860 }
```

Background

The CSS property to change the background color of an element to Hex 004860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004860 }
```

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

```
.background{ background-color:#004860 }
```

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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