

Converting Colors

Hex(004A58)

Have a look what the booklet for
Hex(004A58) contains.

Hex(004A58)	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(004A58)

Conversions

Conversions Part 1

Format	Color
Hex	004A58
RGB	0, 74, 88
RGB Percent	0%, 29%, 35%
CMY	1.0000, 0.7098, 0.6549
CMYK	1.00, 0.16, 0.00, 0.65
HSL	190°, 100%, 17%
HSV	190°, 100%, 35%
XYZ	4.2102, 5.6021, 10.0919
YIQ	53.4700, -48.5980, -11.3340

Conversions

Conversions Part 2

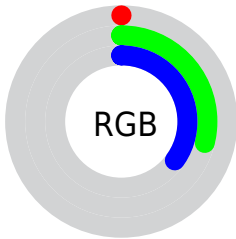
Format	Color
RYB	0, 40, 88
Decimal	19032
CIELab	28.39, -14.40, -13.98
CIELCh	28, 20.076, 224.151
Yxy	5.6021, 0.2115, 0.2815
Android (android.graphics.Color)	4278209112 (0xFF004A58)
YUV	53.4700, 17.0233, -46.8932
Hunter-Lab	23.6688, -9.6688, -8.7119

Details

The Hex color **004A58** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **580E00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **417B8A**, and **001E2B** is the 20% darker color. If you saturate the color by 10%, you get **004A58**, and if you desaturate by 10%, it is **094B58**.

Distribution



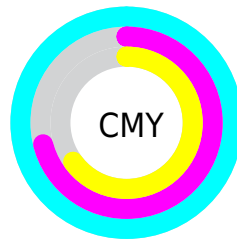
- Red (0%)
- Green (29%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004A58 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 004A58 by changing the saturation by 10% instead.

004A58

004A58

FFFFFF

003341

417B8A

001E2B

5C95A4

000116

77AFBF

000000

92CBDB

ADE7F8

CAFFFF

E7FFFF

004A58

■ 094B58

■ 124D58

■ 1A4E58

■ 235058

■ 2C5158

■ 355258

■ 3E5458

■ 465558

■ 4F5758

Harmonies

Analogous

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



084B4A



004A58



1D4760

Triad

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



004A58



5C384C



464424

Complementary

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



004A58



580E00

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.



543F25



004A58



61373C

Square

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



004A58



4E3C59



5E3A2E



35482C

Rectangle

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



004A58



304462



5E3A2E



4B4324

Sweetspot

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



004A58



506D73



00580D



26373B



BABABA



3B3B3B

Same Dimension

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



004A58



006073



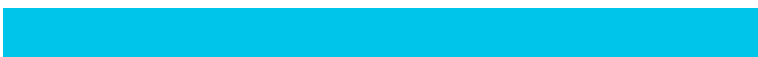
001F58



272B2B



005A6B



00C5EB

Inverse Universe

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



58004A



730060



583900



2B272B



6B005A



EB00C5

Previews

White Background



This preview shows how the Hex color 004A58 looks on a white background.

Color Contrast Check

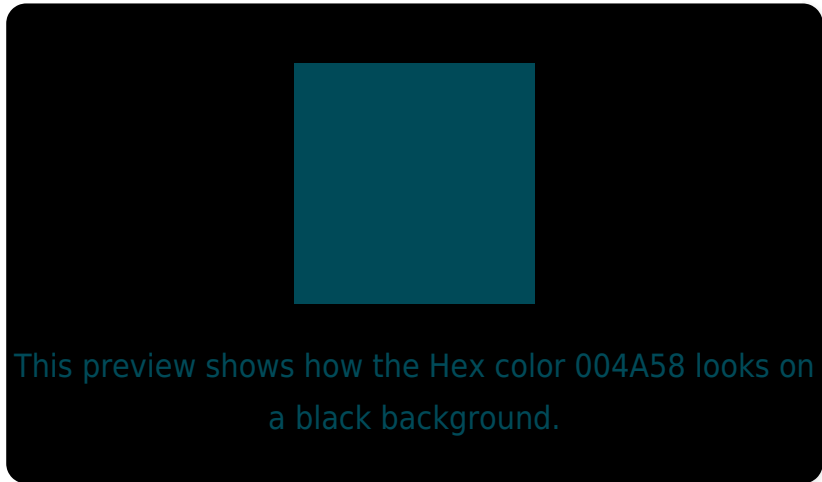
Large Text (above 18pt) WCAG AA ✓ Pass

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

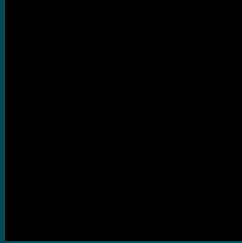
Any Text WCAG AA × Fail

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 004A58 Background



This preview shows how black text looks on a background with the Hex color 004A58.



This preview shows how white text looks on a background with the Hex color 004A58.

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
004A58

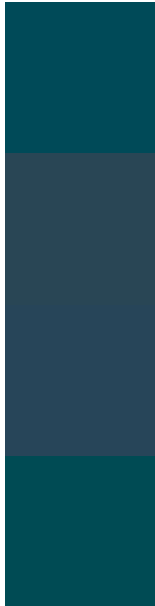
Protanopia
404353

Deuteranopia
3D425A



Tritanopia
004B51

Trichromacy



Original Color
004A58

Protanomaly
294655

Deuteranomaly
274559

Tritanomaly
004B54

Monochromacy



Original Color
004A58

Achromatopsia
353535

Achromatomaly
223D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 004A58 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 #004A58 looks like.

```
.text, #text, p{  
    color:#004A58  
}
```

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 #004A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A58
}
```

Border

The CSS property to change the border of an element to Hex 004A58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

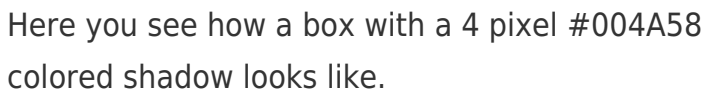
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004A58 }
```

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

```
.border{ border-color:#004A58 }
```

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



Here you see how a box with a 4 pixel #004A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A58; -webkit-box-shadow:4px 4px  
4px 4px #004A58; box-shadow:4px 4px 4px  
4px #004A58 }
```

Background

The CSS property to change the background color of an element to Hex 004A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A58 }
```

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

```
.background{ background-color:#004A58 }
```

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