

Converting Colors

Hex(004E57)

Have a look what the booklet for
Hex(004E57) contains.

Hex(004E57)	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(004E57)

Conversions

Conversions Part 1

Format	Color
Hex	004E57
RGB	0, 78, 87
RGB Percent	0%, 31%, 34%
CMY	1.0000, 0.6941, 0.6588
CMYK	1.00, 0.10, 0.00, 0.66
HSL	186°, 100%, 17%
HSV	186°, 100%, 34%
XYZ	4.4447, 6.1369, 9.9671
YIQ	55.7040, -49.3770, -13.7370

Conversions

Conversions Part 2

Format	Color
RYB	0, 41, 87
Decimal	20055
CIELab	29.76, -17.08, -11.25
CIElCh	30, 20.454, 213.361
Yxy	6.1369, 0.2163, 0.2987
Android (android.graphics.Color)	4278210135 (0xFF004E57)
YUV	55.7040, 15.4289, -48.8524
Hunter-Lab	24.7728, -11.3262, -6.5139

Details

The Hex color **004E57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **570900**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **427F89**, and **00222A** is the 20% darker color. If you saturate the color by 10%, you get **004E57**, and if you desaturate by 10%, it is **094F57**.

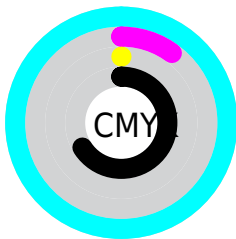
Distribution



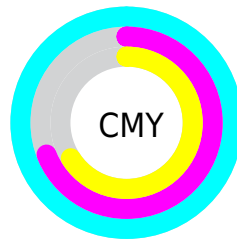
- Red (0%)
- Green (31%)
- Blue (34%)



- Red (0%)
- Yellow (16%)
- Blue (34%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004E57 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 004E57 by changing the saturation by 10% instead.

004E57

004E57

FFFFFF

003740

427F89

00222A

5D99A3

000116

77B4BE

000000

92D0DA

AEECF6

CAFFFF

E7FFFF

004E57

■ 094F57

■ 115057

■ 1A5157

■ 235257

■ 2C5357

■ 345357

■ 3D5457

■ 465557

■ 4E5657

Harmonies

Analogous

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



144F47



004E57



154B62

Triad

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



004E57



5C3C55



4F4626

Complementary

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



004E57



570900

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.



5C402A



004E57



643A45

Square

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



004E57



4A4161



643B35



3E4A2B

Rectangle

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



004E57



294965



643B35



544426

Sweetspot

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



004E57



4F6D70



005709



243638



B8B8B8



383838

Same Dimension

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



004E57



006570



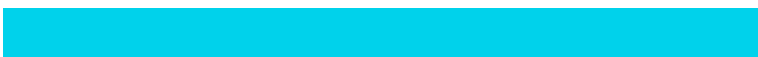
002357



272B2B



00606B



00D2EB

Inverse Universe

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



57004E



700065



573400



2B272B



6B0060



EB00D2

Previews

White Background



This preview shows how the Hex color 004E57 looks on a white background.

Color Contrast Check

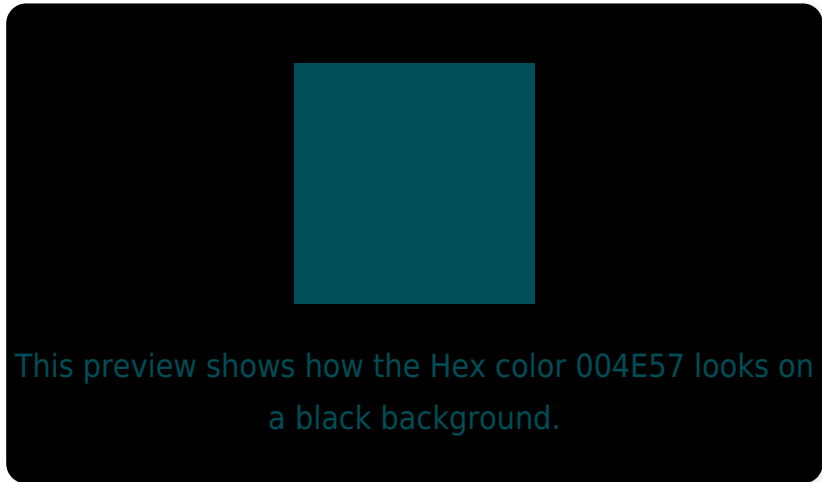
Large Text (above 18pt) WCAG AA ✓ Pass

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

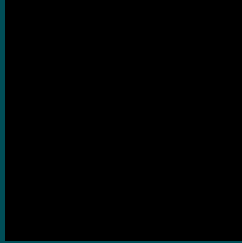
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

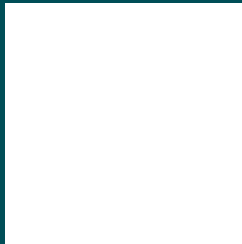
Any Text WCAG AAA × Fail

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

Hex 004E57 Background



This preview shows how black text looks on a background with the Hex color 004E57.



This preview shows how white text looks on a background with the Hex color 004E57.

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
004E57

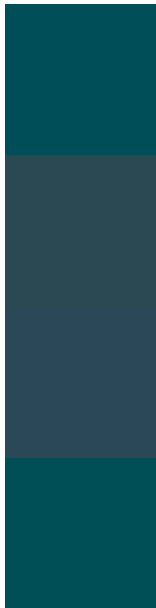
Protanopia
444651

Deuteranopia
444559



Tritanopia
004E55

Trichromacy



Original Color
004E57

Protanomaly
2B4953

Deuteranomaly
2B4858

Tritanomaly
004E56

Monochromacy



Original Color
004E57

Achromatopsia
383838

Achromatomaly
244043

CSS Examples

Text

The CSS property to change the color of the text to Hex 004E57 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 #004E57 looks like.

```
.text, #text, p{  
    color:#004E57  
}
```

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 #004E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004E57
}
```

Border

The CSS property to change the border of an element to Hex 004E57 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
#004E57 }
```

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

```
.border{ border-color:#004E57 }
```

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

Here you see how a box with a 4 pixel #004E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004E57; -webkit-box-shadow:4px 4px  
4px 4px #004E57; box-shadow:4px 4px 4px  
4px #004E57 }
```

Background

The CSS property to change the background color of an element to Hex 004E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004E57 }
```

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

```
.background{ background-color:#004E57 }
```

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