

Converting Colors

Hex(004C55)

Have a look what the booklet for
Hex(004C55) contains.

Hex(004C55)	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(004C55)

Conversions

Conversions Part 1

Format	Color
Hex	004C55
RGB	0, 76, 85
RGB Percent	0%, 30%, 33%
CMY	1.0000, 0.7020, 0.6667
CMYK	1.00, 0.11, 0.00, 0.67
HSL	186°, 100%, 17%
HSV	186°, 100%, 33%
XYZ	4.2241, 5.8248, 9.4960
YIQ	54.3020, -48.1850, -13.3130

Conversions

Conversions Part 2

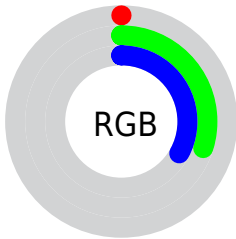
Format	Color
R _Y B	0, 40, 85
Decimal	19541
CIE Lab	28.97, -16.71, -11.17
CIE LCh	29, 20.098, 213.748
Yxy	5.8248, 0.2161, 0.2980
Android (android.graphics.Color)	4278209621 (0xFF004C55)
YUV	54.3020, 15.1341, -47.6229
Hunter-Lab	24.1345, -10.9936, -6.4341

Details

The Hex color **004C55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **550900**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **417D87**, and **002028** is the 20% darker color. If you saturate the color by 10%, you get **004C55**, and if you desaturate by 10%, it is **084D55**.

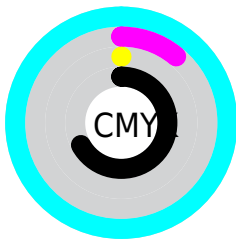
Distribution



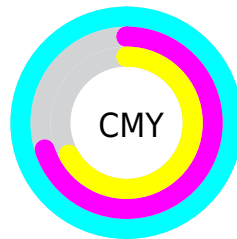
- Red (0%)
- Green (30%)
- Blue (33%)



- Red (0%)
- Yellow (16%)
- Blue (33%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C55 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 004C55 by changing the saturation by 10% instead.

004C55

004C55

FFFFFF

00353E

417D87

002028

5C97A1

000114

76B2BC

000000

91CDD8

ADEAF4

C9FFFF

E6FFFF

004C55

■ 084D55

■ 114E55

■ 194F55

■ 225055

■ 2A5155

■ 335155

■ 3B5255

■ 445355

■ 4C5455

Harmonies

Analogous

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



134D46



004C55



144A60

Triad

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



004C55



593A52



4D4425

Complementary

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



004C55



550900

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.



5A3F29



004C55



623843

Square

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



004C55



49405E



613A34



3C482A

Rectangle

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



004C55



284763



613A34



514225

Sweetspot

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



004C55



4D6A6E



005508



243638



B8B8B8



383838

Same Dimension

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



004C55



00626E



002255



272B2B



00606B



00D2EB

Inverse Universe

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



55004C



6E0062



553300



2B272B



6B0060



EB00D2

Previews

White Background



This preview shows how the Hex color 004C55 looks on a white background.

Color Contrast Check

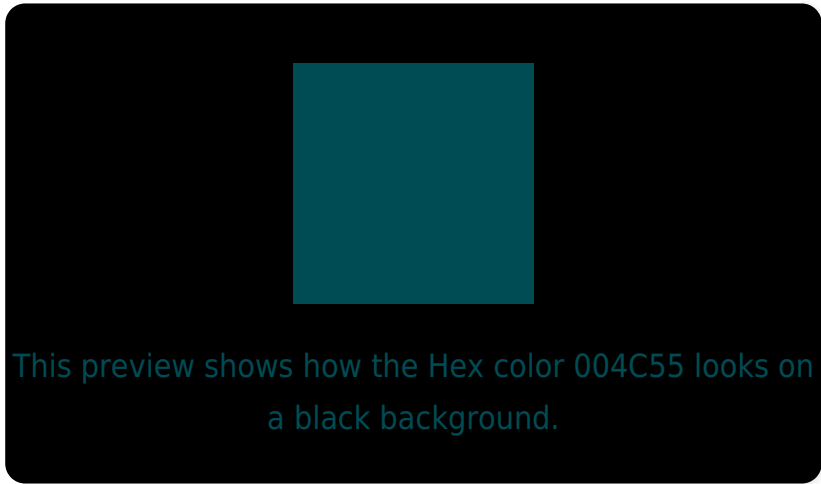
Large Text (above 18pt) WCAG AA ✓ Pass

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

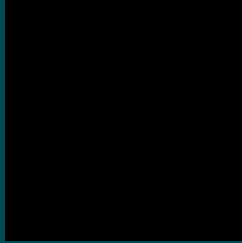
Any Text WCAG AA × Fail

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 004C55 Background



This preview shows how black text looks on a background with the Hex color 004C55.

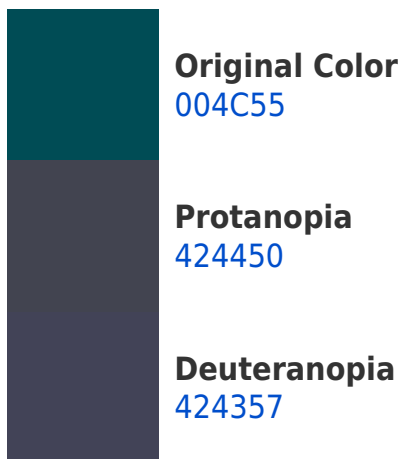


This preview shows how white text looks on a background with the Hex color 004C55.

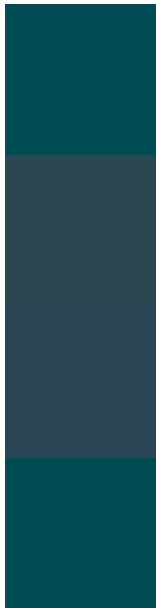
Color Blindness Simulation

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



Trichromacy



Original Color
004C55

Protanomaly
2A4752

Deuteranomaly
2A4656

Tritanomaly
004C53

Monochromacy



Original Color
004C55

Achromatopsia
363636

Achromatomaly
223E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 004C55 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 #004C55 looks like.

```
.text, #text, p{  
    color:#004C55  
}
```

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 #004C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C55
}
```

Border

The CSS property to change the border of an element to Hex 004C55 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
#004C55 }
```

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

```
.border{ border-color:#004C55 }
```

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

Here you see how a box with a 4 pixel #004C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C55; -webkit-box-shadow:4px 4px  
4px 4px #004C55; box-shadow:4px 4px 4px  
4px #004C55 }
```

Background

The CSS property to change the background color of an element to Hex 004C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C55 }
```

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

```
.background{ background-color:#004C55 }
```

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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