

Converting Colors

Hex(004F55)

Have a look what the booklet for
Hex(004F55) contains.

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Color

Hex(004F55)

Conversions

Conversions Part 1

Format	Color
Hex	004F55
RGB	0, 79, 85
RGB Percent	0%, 31%, 33%
CMY	1.0000, 0.6902, 0.6667
CMYK	1.00, 0.07, 0.00, 0.67
HSL	184°, 100%, 17%
HSV	184°, 100%, 33%
XYZ	4.4357, 6.2478, 9.5665
YIQ	56.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

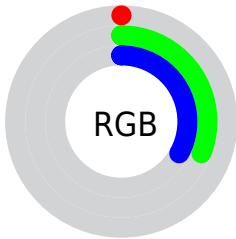
Format	Color
RYB	0, 41, 85
Decimal	20309
CIELab	30.03, -18.39, -9.55
CIELCh	30, 20.719, 207.450
Yxy	6.2478, 0.2190, 0.3085
Android (android.graphics.Color)	4278210389 (0xFF004F55)
YUV	56.0630, 14.2659, -49.1673
Hunter-Lab	24.9957, -12.0663, -5.1948

Details

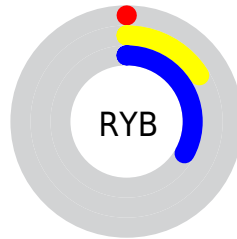
The Hex color **004F55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **550600**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **428087**, and **002228** is the 20% darker color. If you saturate the color by 10%, you get **004F55**, and if you desaturate by 10%, it is **085055**.

Distribution



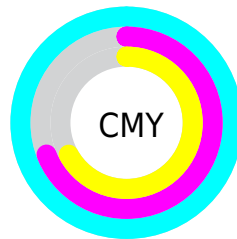
- Red (0%)
- Green (31%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004F55 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 004F55 by changing the saturation by 10% instead.

004F55

004F55

FFFFFF

00383E

428087

002228

5C9BA1

000114

77B5BC

000000

92D1D7

AEEEF4

CAFFFF

E7FFFF

004F55

■ 085055

■ 115055

■ 195155

■ 225155

■ 2A5255

■ 335355

■ 3B5355

■ 445455

■ 4C5455

Harmonies

Analogous

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



194F45



004F55



0D4D61

Triad

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



004F55



5A3D58



524526

Complementary

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



004F55



550600

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.



5F402C



004F55



643A49

Square

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



004F55



474363



663B39



424A2A

Rectangle

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



004F55



234A66



663B39



574327

Sweetspot

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



004F55



4D6B6E



005506



243738



B8B8B8



383838

Same Dimension

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



004F55



00666E



002555



272B2B



00646B



00DAEB

Inverse Universe

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



55004F



6E0066



553000



2B272B



6B0064



EB00DA

Previews

White Background



This preview shows how the Hex color 004F55 looks on a white background.

Color Contrast Check

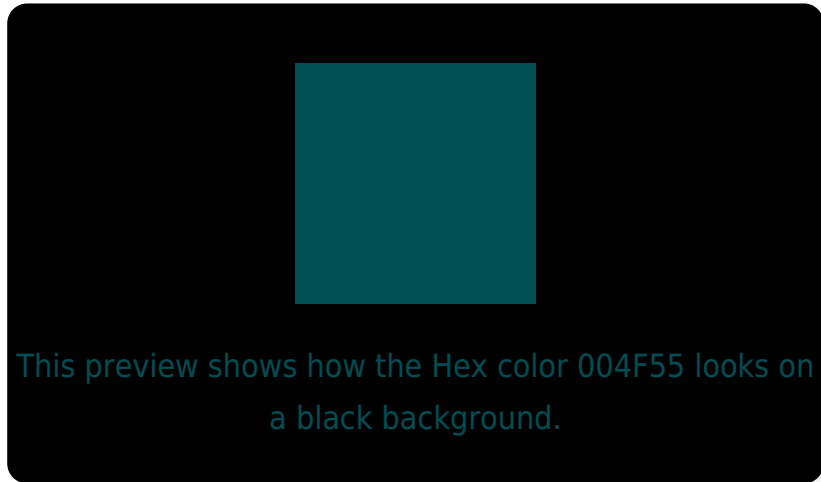
Large Text (above 18pt) WCAG AA ✓ Pass

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 004F55 Background



This preview shows how black text looks on a background with the Hex color 004F55.

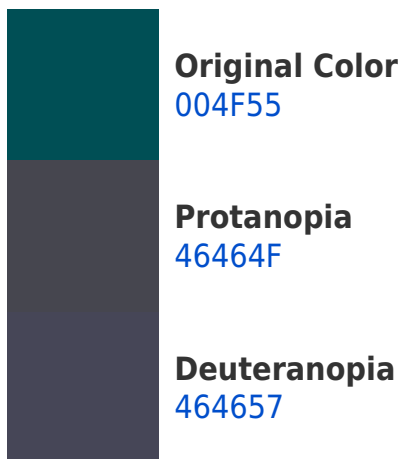


This preview shows how white text looks on a background with the Hex color 004F55.

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](#).

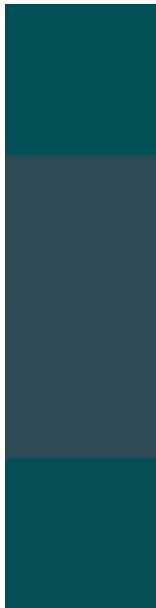
Dichromacy





Tritanopia
044F55

Trichromacy



Original Color
004F55

Protanomaly
2D4951

Deuteranomaly
2D4956

Tritanomaly
034F55

Monochromacy



Original Color
004F55

Achromatopsia
383838

Achromatomaly
244043

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F55 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 #004F55 looks like.

```
.text, #text, p{  
    color:#004F55  
}
```

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 #004F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F55
}
```

Border

The CSS property to change the border of an element to Hex 004F55 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
#004F55 }
```

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

```
.border{ border-color:#004F55 }
```

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

Here you see how a box with a 4 pixel #004F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F55; -webkit-box-shadow:4px 4px  
4px 4px #004F55; box-shadow:4px 4px 4px  
4px #004F55 }
```

Background

The CSS property to change the background color of an element to Hex 004F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F55 }
```

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

```
.background{ background-color:#004F55 }
```

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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