

Converting Colors

Hex(004F54)

Have a look what the booklet for
Hex(004F54) contains.

Hex(004F54)	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(004F54)

Conversions

Conversions Part 1

Format	Color
Hex	004F54
RGB	0, 79, 84
RGB Percent	0%, 31%, 33%
CMY	1.0000, 0.6902, 0.6706
CMYK	1.00, 0.06, 0.00, 0.67
HSL	184°, 100%, 16%
HSV	184°, 100%, 33%
XYZ	4.3962, 6.2321, 9.3587
YIQ	55.9490, -48.6890, -15.1930

Conversions

Conversions Part 2

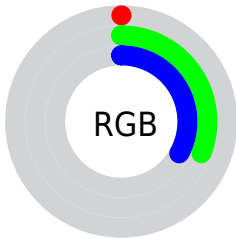
Format	Color
RYB	0, 41, 84
Decimal	20308
CIELab	29.99, -18.75, -8.97
CIELCh	30, 20.789, 205.560
Yxy	6.2321, 0.2200, 0.3118
Android (android.graphics.Color)	4278210388 (0xFF004F54)
YUV	55.9490, 13.8291, -49.0673
Hunter-Lab	24.9641, -12.2530, -4.7522

Details

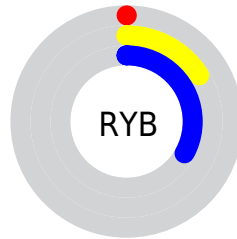
The Hex color **004F54** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **540500**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **418085**, and **002227** is the 20% darker color. If you saturate the color by 10%, you get **004F54**, and if you desaturate by 10%, it is **085054**.

Distribution



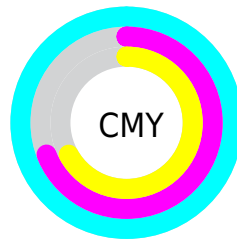
- Red (0%)
- Green (31%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 004F54 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 004F54 by changing the saturation by 10% instead.

004F54

004F54

FFFFFF

00383D

418085

002227

5C9BA0

000113

77B6BB

000000

92D1D6

AEEEF3

CAFFFF

E7FFFF

004F54

■ 085054

■ 115054

■ 195154

■ 225154

■ 2A5254

■ 325254

■ 3B5254

■ 435354

■ 4C5354

Harmonies

Analogous

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



1A4F44



004F54



0A4D61

Triad

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



004F54



593E59



534526

Complementary

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



004F54



540500

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.



603F2D



004F54



643A4A

Square

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



004F54



454364



663B3A



434A29

Rectangle

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



004F54



204B66



663B3A



584327

Sweetspot

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



004F54



4D6C6E



005404



243738



B8B8B8



383838

Same Dimension

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



004F54



00676E



002654



252929



006269



00DAE8

Inverse Universe

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



54004F



6E0067



542E00



292529



690062



E800DA

Previews

White Background



This preview shows how the Hex color 004F54 looks on a white background.

Color Contrast Check

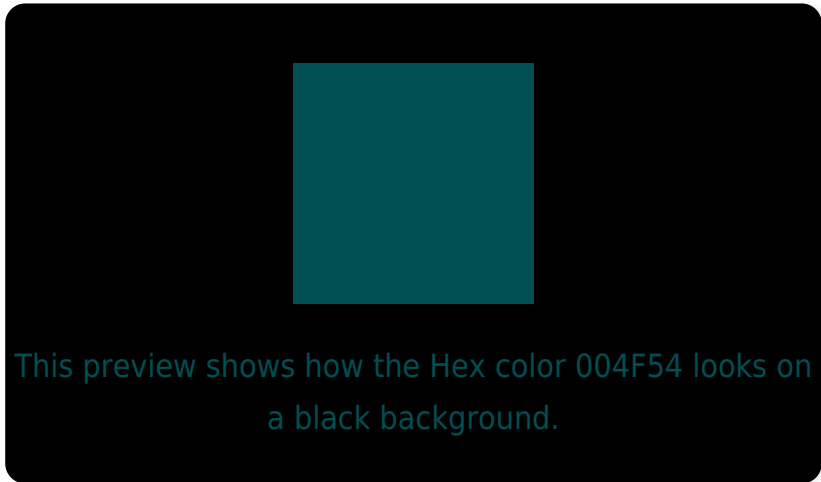
Large Text (above 18pt) WCAG AA ✓ Pass

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

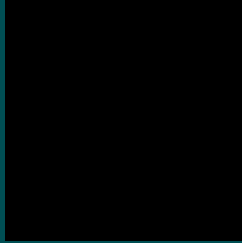
Any Text WCAG AA × Fail

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 004F54 Background



This preview shows how black text looks on a background with the Hex color 004F54.



This preview shows how white text looks on a background with the Hex color 004F54.

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
004F54

Protanopia
46464E

Deuteranopia
464556



Tritanopia
074F55

Trichromacy



Original Color
004F54

Protanomaly
2D4950

Deuteranomaly
2D4955

Tritanomaly
044F55

Monochromacy



Original Color
004F54

Achromatopsia
383838

Achromatomaly
244042

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F54 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 #004F54 looks like.

```
.text, #text, p{  
    color:#004F54  
}
```

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 #004F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F54
}
```

Border

The CSS property to change the border of an element to Hex 004F54 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
#004F54 }
```

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

```
.border{ border-color:#004F54 }
```

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

Here you see how a box with a 4 pixel #004F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F54; -webkit-box-shadow:4px 4px  
4px 4px #004F54; box-shadow:4px 4px 4px  
4px #004F54 }
```

Background

The CSS property to change the background color of an element to Hex 004F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F54 }
```

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

```
.background{ background-color:#004F54 }
```

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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