

Converting Colors

Hex(004F5F)

Have a look what the booklet for
Hex(004F5F) contains.

Hex(004F5F)	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(004F5F)

Conversions

Conversions Part 1

Format	Color
Hex	004F5F
RGB	0, 79, 95
RGB Percent	0%, 31%, 37%
CMY	1.0000, 0.6902, 0.6275
CMYK	1.00, 0.17, 0.00, 0.63
HSL	190°, 100%, 19%
HSV	190°, 100%, 37%
XYZ	4.8615, 6.4182, 11.8091
YIQ	57.2030, -52.2200, -11.7720

Conversions

Conversions Part 2

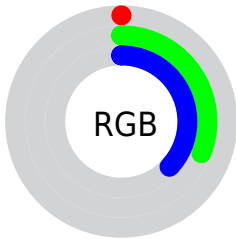
Format	Color
RYB	0, 43, 95
Decimal	20319
CIELab	30.44, -14.59, -15.30
CIELCh	30, 21.141, 226.370
Yxy	6.4182, 0.2106, 0.2780
Android (android.graphics.Color)	4278210399 (0xFF004F5F)
YUV	57.2030, 18.6339, -50.1670
Hunter-Lab	25.3341, -10.0812, -9.9031

Details

The Hex color **004F5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F1000**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **448091**, and **002231** is the 20% darker color. If you saturate the color by 10%, you get **004F5F**, and if you desaturate by 10%, it is **09515F**.

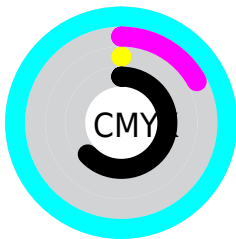
Distribution



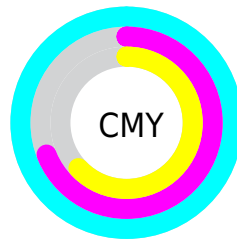
- Red (0%)
- Green (31%)
- Blue (37%)



- Red (0%)
- Yellow (17%)
- Blue (37%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004F5F 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 004F5F by changing the saturation by 10% instead.

004F5F

004F5F

FFFFFF

003847

448091

002231

5F9AAC

00051C

7AB5C7

000000

95D1E3

B1EDFF

CDFFFF

EAffff

004F5F

■ 09515F

■ 13525F

■ 1D545F

■ 26555F

■ 30575F

■ 39595F

■ 435A5F

■ 4C5C5F

■ 565D5F

Harmonies

Analogous

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



055050



004F5F



214C67

Triad

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



004F5F



633C50



494A28

Complementary

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



004F5F



5F1000

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.



594428



004F5F



683B3F

Square

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



004F5F



55405F



643F31



374E30

Rectangle

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



004F5F



354868



643F31



4F4826

Sweetspot

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



004F5F



56747A



005F10



27393D



BDBDBD



3D3D3D

Same Dimension

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



004F5F



00667A



00205F



2C3030



005D70



00C7F0

Inverse Universe

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



5F004F



7A0066



5F3F00



302C30



70005D



F000C7

Previews

White Background



This preview shows how the Hex color 004F5F looks on a white background.

Color Contrast Check

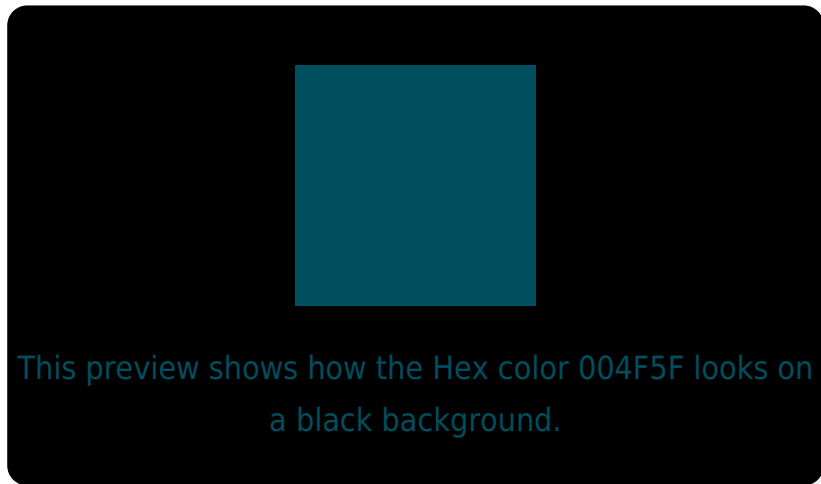
Large Text (above 18pt) WCAG AA ✓ Pass

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

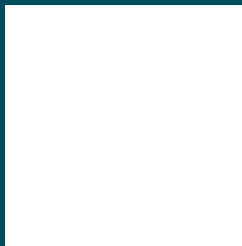
Any Text WCAG AAA × Fail

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

Hex 004F5F Background



This preview shows how black text looks on a background with the Hex color 004F5F.

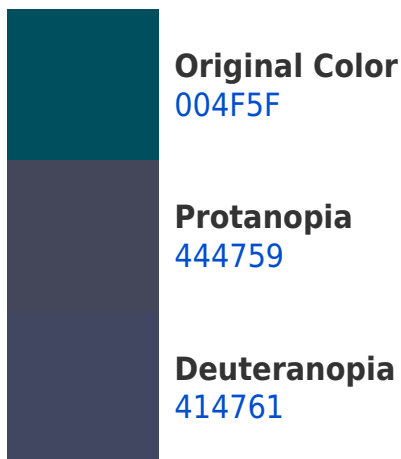


This preview shows how white text looks on a background with the Hex color 004F5F.

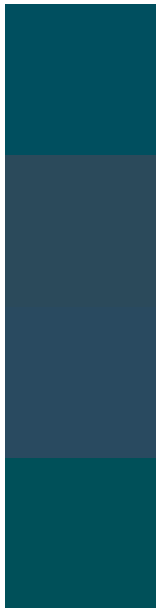
Color Blindness Simulation

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
004F5F

Protanomaly
2B4A5B

Deuteranomaly
294A60

Tritanomaly
005059

Monochromacy



Original Color
004F5F

Achromatopsia
393939

Achromatomaly
244147

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F5F 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 #004F5F looks like.

```
.text, #text, p{  
  color:#004F5F  
}
```

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 #004F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F5F
}
```

Border

The CSS property to change the border of an element to Hex 004F5F 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
#004F5F }
```

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

```
.border{ border-color:#004F5F }
```

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

Here you see how a box with a 4 pixel #004F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F5F; -webkit-box-shadow:4px 4px  
4px 4px #004F5F; box-shadow:4px 4px 4px  
4px #004F5F }
```

Background

The CSS property to change the background color of an element to Hex 004F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F5F }
```

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

```
.background{ background-color:#004F5F }
```

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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