

Converting Colors

Hex(00475F)

Have a look what the booklet for
Hex(00475F) contains.

Hex(00475F)	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(00475F)

Conversions

Conversions Part 1

Format	Color
Hex	00475F
RGB	0, 71, 95
RGB Percent	0%, 28%, 37%
CMY	1.0000, 0.7216, 0.6275
CMYK	1.00, 0.25, 0.00, 0.63
HSL	195°, 100%, 19%
HSV	195°, 100%, 37%
XYZ	4.3188, 5.3327, 11.6282
YIQ	52.5070, -50.0200, -7.5880

Conversions

Conversions Part 2

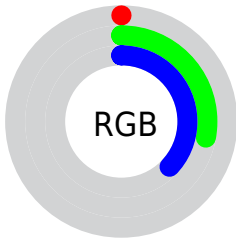
Format	Color
R_{YB}	0, 41, 95
Decimal	18271
CIE _{Lab}	27.66, -9.78, -19.61
CIE _{LCh}	28, 21.912, 243.494
Yxy	5.3327, 0.2030, 0.2506
Android (android.graphics.Color)	4278208351 (0xFF00475F)
YUV	52.5070, 20.9490, -46.0486
Hunter-Lab	23.0926, -7.0290, -13.6903

Details

The Hex color **00475F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5F1800**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **437792**, and **001C31** is the 20% darker color. If you saturate the color by 10%, you get **00475F**, and if you desaturate by 10%, it is **09495F**.

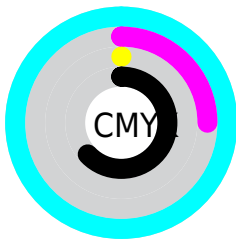
Distribution



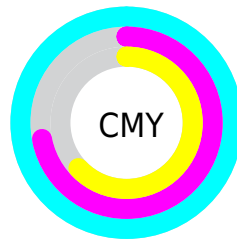
- Red (0%)
- Green (28%)
- Blue (37%)



- Red (0%)
- Yellow (16%)
- Blue (37%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00475F 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 00475F by changing the saturation by 10% instead.

00475F

00475F

FFFFFF

003147

437792

001C31

5D91AC

00011C

78ACC8

000000

94C7E4

AFE3FF

CCFFFF

E9FFFF

00475F

■ 09495F

■ 134C5F

■ 1D4E5F

■ 26515F

■ 30535F

■ 39555F

■ 43585F

■ 4C5A5F

■ 565D5F

Harmonies

Analogous

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



004A53



00475F



2A4263

Triad

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



00475F



613440



384625

Complementary

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



00475F



5F1800

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.



4A411F



00475F



603630

Square

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



00475F



583651



583B24



234932

Rectangle

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



00475F



3D3E60



583B24



3F4422

Sweetspot

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



00475F



56717A



005F18



27383D



BDBDBD



3D3D3D

Same Dimension

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



00475F



005B7A



00185F



2C2F30



005470



00B3F0

Inverse Universe

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



5F0047



7A005B



5F4700



302C2F



700054



F000B3

Previews

White Background



This preview shows how the Hex color 00475F looks on a white background.

Color Contrast Check

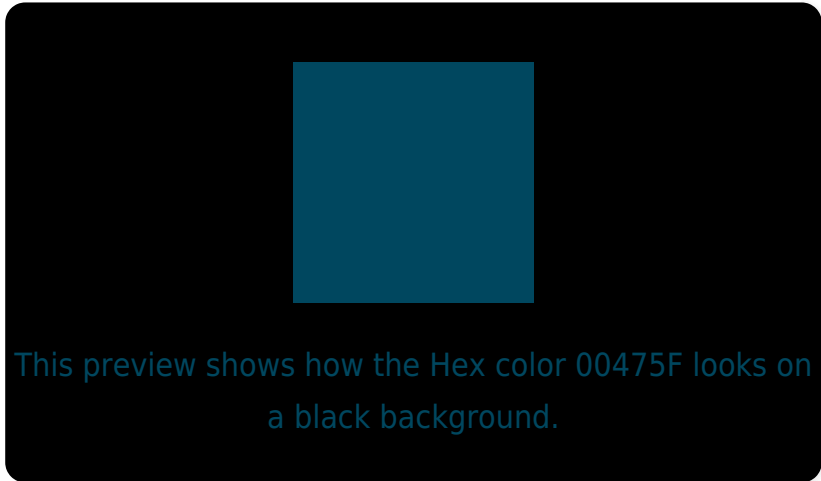
Large Text (above 18pt) WCAG AA ✓ Pass

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

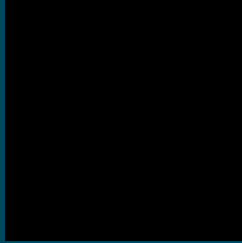
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

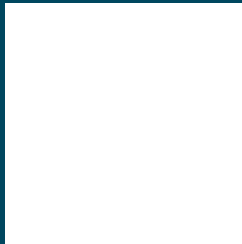
Any Text WCAG AAA × Fail

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

Hex 00475F Background



This preview shows how black text looks on a background with the Hex color 00475F.



This preview shows how white text looks on a background with the Hex color 00475F.

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
00475F

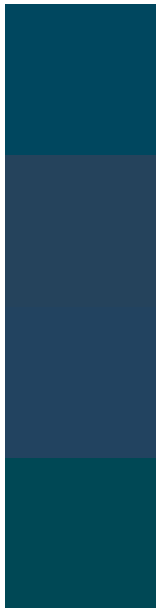
Protanopia
3A415A

Deuteranopia
354160



Tritanopia
00494F

Trichromacy



Original Color
00475F

Protanomaly
25435C

Deuteranomaly
224360

Tritanomaly
004855

Monochromacy



Original Color
00475F

Achromatopsia
353535

Achromatomaly
223C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 00475F 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 #00475F looks like.

```
.text, #text, p{  
    color:#00475F  
}
```

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 #00475F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00475F
}
```

Border

The CSS property to change the border of an element to Hex 00475F 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
#00475F }
```

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

```
.border{ border-color:#00475F }
```

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

Here you see how a box with a 4 pixel #00475F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00475F; -webkit-box-shadow:4px 4px  
4px 4px #00475F; box-shadow:4px 4px 4px  
4px #00475F }
```

Background

The CSS property to change the background color of an element to Hex 00475F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00475F }
```

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

```
.background{ background-color:#00475F }
```

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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