

# Converting Colors

Hex(00495F)

Have a look what the booklet for  
Hex(00495F) contains.

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# Color

**Hex(00495F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00495F
RGB	0, 73, 95
RGB Percent	0%, 29%, 37%
CMY	1.0000, 0.7137, 0.6275
CMYK	1.00, 0.23, 0.00, 0.63
HSL	194°, 100%, 19%
HSV	194°, 100%, 37%
XYZ	4.4481, 5.5913, 11.6713
YIQ	53.6810, -50.5700, -8.6340

# Conversions

## Conversions Part 2

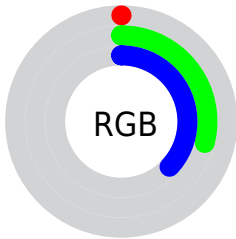
Format	Color
<a href="#">RYB</a>	<a href="#">0, 41, 95</a>
Decimal	<a href="#">18783</a>
CIELab	<a href="#">28.36, -11.01, -18.53</a>
CIElCh	<a href="#">28, 21.553, 239.279</a>
Yxy	<a href="#">5.5913, 0.2049, 0.2575</a>
Android (android.graphics.Color)	<a href="#">4278208863 (0xFF00495F)</a>
YUV	<a href="#">53.6810, 20.3703, -47.0782</a>
Hunter-Lab	<a href="#">23.6460, -7.8023, -12.7124</a>

# Details

The Hex color **00495F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5F1600**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **437A92**, and **001E31** is the 20% darker color. If you saturate the color by 10%, you get **00495F**, and if you desaturate by 10%, it is **094B5F**.

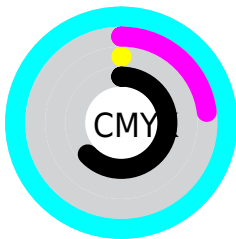
# Distribution



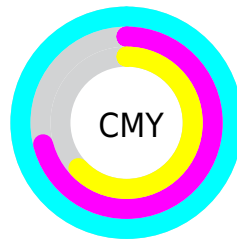
- Red (0%)
- Green (29%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (71%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00495F 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 00495F by changing the saturation by 10% instead.



00495F

00495F

FFFFFF

003247

437A92

001E31

5E93AC

00021C

79AEC7

000000

94C9E4

B0E6FF

CCFFFF

E9FFFF

00495F

■ 094B5F

■ 134D5F

■ 1D505F

■ 26525F

■ 30545F

■ 39565F

■ 43585F

■ 4C5B5F

■ 565D5F

# Harmonies

## Analogous

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



004B53



00495F



284564

# Triad

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



00495F



613644



3D4725

# Complementary

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



00495F



5F1600

# 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.



4E4221



00495F



623734

# Square

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



00495F



573954



5B3C27



294A31

# Rectangle

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



00495F



3C4162



5B3C27



434523



# Sweetspot

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



00495F



56727A



005F15



27383D



BDBDBD



3D3D3D



# Same Dimension

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



00495F



005E7A



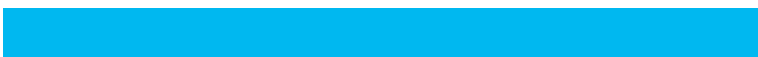
001B5F



2C2F30



005670



00B8F0



# Inverse Universe

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



5F0049



7A005E



5F4400



302C2F



700056



F000B8



# Previews

## White Background



This preview shows how the Hex color 00495F looks on a white background.

## Color Contrast Check

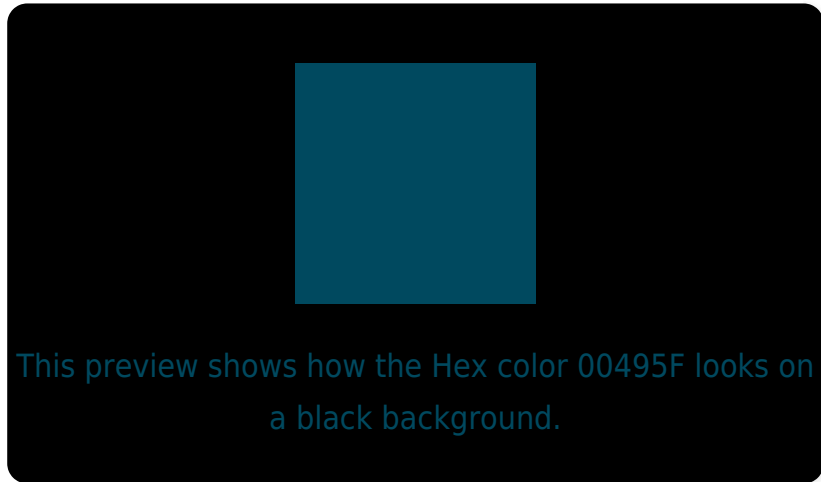
Large Text (above 18pt) WCAG AA ✓ Pass

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

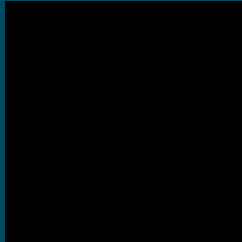
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00495F Background



This preview shows how black text looks on a background with the Hex color 00495F.



This preview shows how white text looks on a background with the Hex color 00495F.

# 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**  
00495F

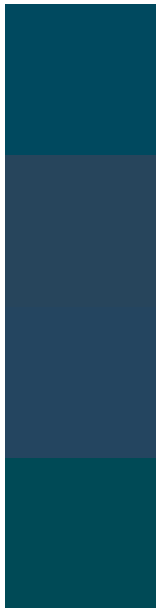
**Protanopia**  
3D425A

**Deuteranopia**  
384360



**Tritanopia**  
004B51

# Trichromacy



**Original Color**  
00495F

**Protanomaly**  
27455C

**Deuteranomaly**  
244560

**Tritanomaly**  
004A56

# Monochromacy



**Original Color**  
00495F

**Achromatopsia**  
363636

**Achromatomaly**  
223D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00495F 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 #00495F looks like.

```
.text, #text, p{  
    color:#00495F  
}
```

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 #00495F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00495F
}
```

## Border

The CSS property to change the border of an element to Hex 00495F 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
#00495F }
```

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

```
.border{ border-color:#00495F }
```

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

Here you see how a box with a 4 pixel #00495F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00495F; -webkit-box-shadow:4px 4px  
4px 4px #00495F; box-shadow:4px 4px 4px  
4px #00495F }
```

# Background

The CSS property to change the background color of an element to Hex 00495F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00495F }
```

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

```
.background{ background-color:#00495F }
```

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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