

Converting Colors

Hex(00495E)

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

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Color

Hex(00495E)

Conversions

Conversions Part 1

Format	Color
Hex	00495E
RGB	0, 73, 94
RGB Percent	0%, 29%, 37%
CMY	1.0000, 0.7137, 0.6314
CMYK	1.00, 0.22, 0.00, 0.63
HSL	193°, 100%, 18%
HSV	193°, 100%, 37%
XYZ	4.4029, 5.5732, 11.4334
YIQ	53.5670, -50.2490, -8.9450

Conversions

Conversions Part 2

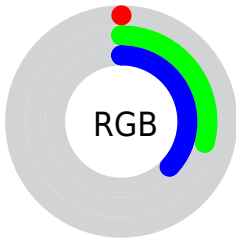
Format	Color
R_{YB}	0, 41, 94
Decimal	18782
CIE _{Lab}	28.31, -11.42, -17.96
CIE _{LCh}	28, 21.282, 237.558
Yxy	5.5732, 0.2057, 0.2603
Android (android.graphics.Color)	4278208862 (0xFF00495E)
YUV	53.5670, 19.9335, -46.9783
Hunter-Lab	23.6077, -8.0226, -12.1891

Details

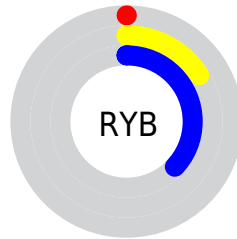
The Hex color **00495E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5E1500**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **437A90**, and **001E30** is the 20% darker color. If you saturate the color by 10%, you get **00495E**, and if you desaturate by 10%, it is **094B5E**.

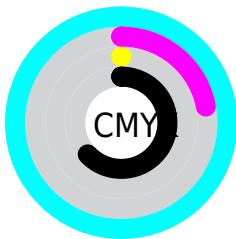
Distribution



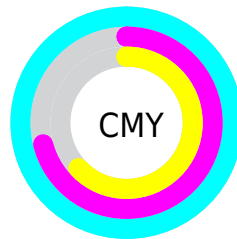
- Red (0%)
- Green (29%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (63%)



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

Brightness & Saturation Gradients

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

00495E

00495E

FFFFFF

003246

437A90

001E30

5D93AB

00011B

78AEC6

000000

94C9E2

AFE6FF

CCFFFF

E9FFFF

00495E

■ 094B5E

■ 134D5E

■ 1C4F5E

■ 26515E

■ 2F535E

■ 38565E

■ 42585E

■ 4B5A5E

■ 555C5E

Harmonies

Analogous

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



004B51



00495E



274563

Triad

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



00495E



613645



3E4625

Complementary

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



00495E



5E1500

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.



4E4122



00495E



623734

Square

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



00495E



563955



5B3C28



2A4A31

Rectangle

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



00495E



3A4162



5B3C28



444523

Sweetspot

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



00495E



56727A



005E14



27383D



BDBDBD



3D3D3D

Same Dimension

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



00495E



005F7A



001B5E



292D2E



00556E



00B8ED

Inverse Universe

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



5E0049



7A005F



5E4300



2E292D



6E0055



ED00B8

Previews

White Background



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

Color Contrast Check

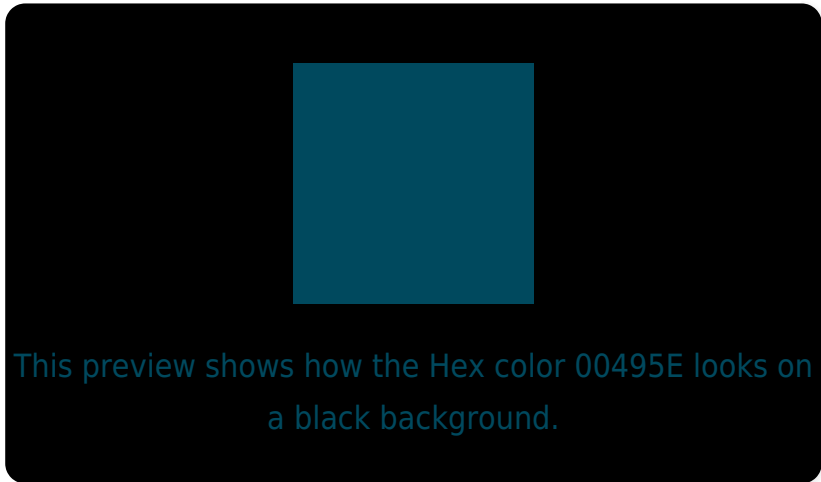
Large Text (above 18pt) WCAG AA ✓ Pass

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

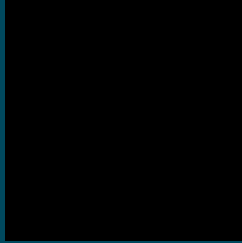
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

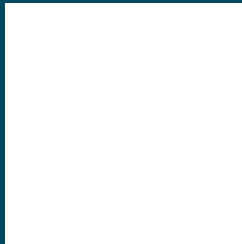
Any Text WCAG AAA × Fail

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

Hex 00495E Background



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

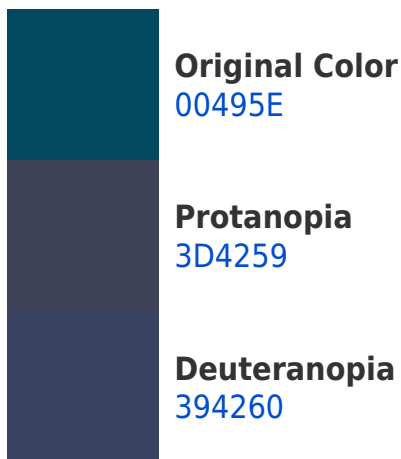


This preview shows how white text looks on a background with the Hex color 00495E.

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](#).

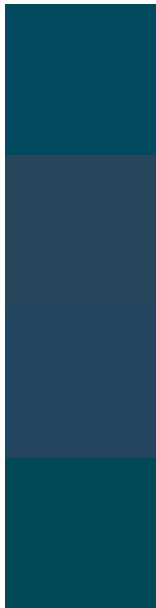
Dichromacy





Tritanopia
004B50

Trichromacy



Original Color
00495E

Protanomaly
27455B

Deuteranomaly
24455F

Tritanomaly
004A55

Monochromacy



Original Color
00495E

Achromatopsia
363636

Achromatomaly
223D45

CSS Examples

Text

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

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

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 #00495E colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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