

Converting Colors

Hex(00535E)

Have a look what the booklet for
Hex(00535E) contains.

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Color

Hex(00535E)

Conversions

Conversions Part 1

Format	Color
Hex	00535E
RGB	0, 83, 94
RGB Percent	0%, 33%, 37%
CMY	1.0000, 0.6745, 0.6314
CMYK	1.00, 0.12, 0.00, 0.63
HSL	187°, 100%, 18%
HSV	187°, 100%, 37%
XYZ	5.1136, 6.9947, 11.6703
YIQ	59.4370, -52.9990, -14.1750

Conversions

Conversions Part 2

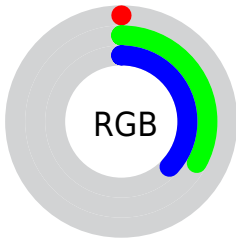
Format	Color
RYB	0, 44, 94
Decimal	21342
CIELab	31.79, -17.26, -12.60
CIELCh	32, 21.365, 216.132
Yxy	6.9947, 0.2151, 0.2942
Android (android.graphics.Color)	4278211422 (0xFF00535E)
YUV	59.4370, 17.0396, -52.1262
Hunter-Lab	26.4474, -11.7698, -7.6493

Details

The Hex color **00535E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E0B00**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **448590**, and **002630** is the 20% darker color. If you saturate the color by 10%, you get **00535E**, and if you desaturate by 10%, it is **09545E**.

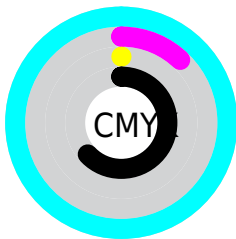
Distribution



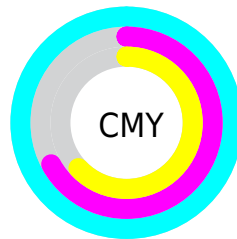
- Red (0%)
- Green (33%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00535E 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 00535E by changing the saturation by 10% instead.

 00535E

 00535E

FFFFFF

 003C46

 448590

 002630

 5F9FAB

 000D1B

 7ABAC6

 000000

 96D6E2

 B2F2FF

 CEFFFF

 EBFFFF

 00535E

■ 09545E

■ 13555E

■ 1C565E

■ 26575E

■ 2F595E

■ 385A5E

■ 425B5E

■ 4B5C5E

■ 555D5E

Harmonies

Analogous

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



13544E



00535E



1A5069

Triad

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



00535E



634059



524B29

Complementary

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



00535E



5E0B00

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.



61452C



00535E



6B3E48

Square

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



00535E



514566



6A4038



40502F

Rectangle

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



00535E



2E4D6C



6A4038



584929

Sweetspot

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



00535E



56767A



005E0B



273B3D



BDBDBD



3D3D3D

Same Dimension

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



00535E



006C7A



00245E



292D2E



00616E



00D1ED

Inverse Universe

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



5E0053



7A006C



5E3A00



2E292D



6E0061



ED00D1

Previews

White Background



This preview shows how the Hex color 00535E looks on a white background.

Color Contrast Check

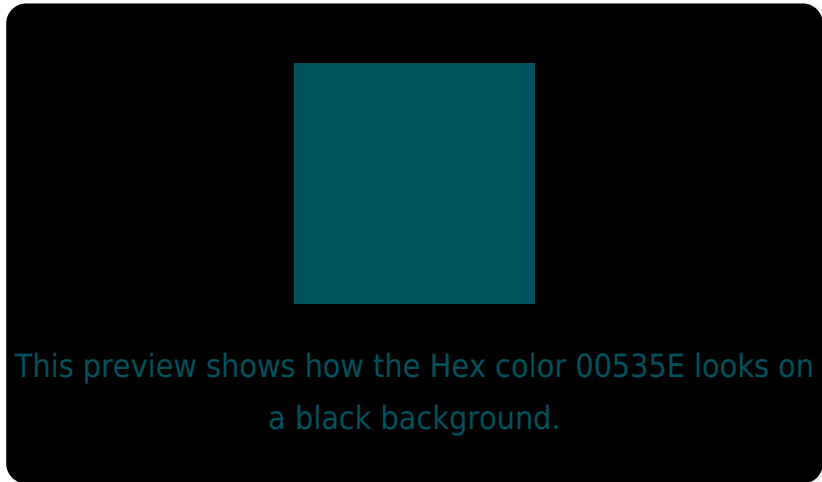
Large Text (above 18pt) WCAG AA ✓ Pass

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

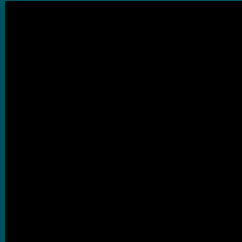
Any Text WCAG AA × Fail

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 00535E Background



This preview shows how black text looks on a background with the Hex color 00535E.

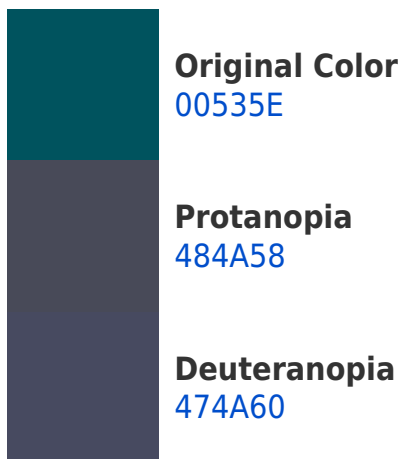


This preview shows how white text looks on a background with the Hex color 00535E.

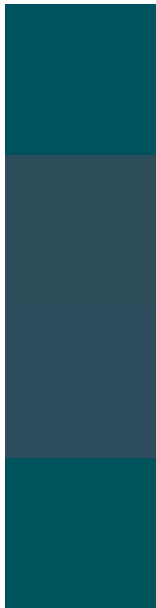
Color Blindness Simulation

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
00535E

Protanomaly
2E4D5A

Deuteranomaly
2D4D5F

Tritanomaly
00535B

Monochromacy



Original Color
00535E

Achromatopsia
3B3B3B

Achromatomaly
264448

CSS Examples

Text

The CSS property to change the color of the text to Hex 00535E 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 #00535E looks like.

```
.text, #text, p{  
    color:#00535E  
}
```

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 #00535E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00535E
}
```

Border

The CSS property to change the border of an element to Hex 00535E 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
#00535E }
```

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

```
.border{ border-color:#00535E }
```

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

Here you see how a box with a 4 pixel #00535E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00535E; -webkit-box-shadow:4px 4px  
4px 4px #00535E; box-shadow:4px 4px 4px  
4px #00535E }
```

Background

The CSS property to change the background color of an element to Hex 00535E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00535E }
```

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

```
.background{ background-color:#00535E }
```

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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