

Converting Colors

Hex(00515D)

Have a look what the booklet for
Hex(00515D) contains.

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Color

Hex(00515D)

Conversions

Conversions Part 1

Format	Color
Hex	00515D
RGB	0, 81, 93
RGB Percent	0%, 32%, 36%
CMY	1.0000, 0.6824, 0.6353
CMYK	1.00, 0.13, 0.00, 0.64
HSL	188°, 100%, 18%
HSV	188°, 100%, 36%
XYZ	4.9182, 6.6752, 11.3851
YIQ	58.1490, -52.1280, -13.4400

Conversions

Conversions Part 2

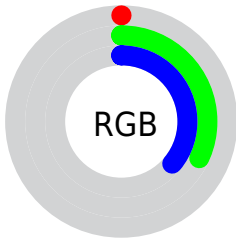
Format	Color
RYB	0, 43, 93
Decimal	20829
CIELab	31.06, -16.51, -13.09
CIELCh	31, 21.068, 218.421
Yxy	6.6752, 0.2140, 0.2905
Android (android.graphics.Color)	4278210909 (0xFF00515D)
YUV	58.1490, 17.1815, -50.9967
Hunter-Lab	25.8364, -11.2343, -8.0415

Details

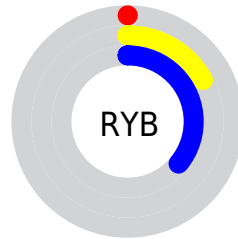
The Hex color **00515D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D0C00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **44838F**, and **00242F** is the 20% darker color. If you saturate the color by 10%, you get **00515D**, and if you desaturate by 10%, it is **09525D**.

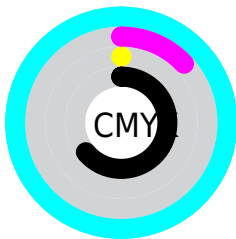
Distribution



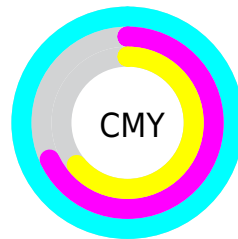
- Red (0%)
- Green (32%)
- Blue (36%)



- Red (0%)
- Yellow (17%)
- Blue (36%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00515D 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 00515D by changing the saturation by 10% instead.

00515D

00515D

FFFFFF

003A45

44838F

00242F

5F9DAA

00091B

79B8C5

000000

95D3E1

B1F0FE

CDFFFF

EAffff

00515D

■ 09525D

■ 13535D

■ 1C555D

■ 25565D

■ 2F575D

■ 38585D

■ 41595D

■ 4A5B5D

■ 545C5D

Harmonies

Analogous

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



10524D



00515D



1B4E67

Triad

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



00515D



623E56



4F4A28

Complementary

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



00515D



5D0C00

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.



5E442B



00515D



693C45

Square

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



00515D



514363



673F35



3D4E2F

Rectangle

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



00515D



2F4B6A



673F35



554828

Sweetspot

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



00515D



547378



005D0B



273A3D



BDBDBD



3D3D3D

Same Dimension

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



00515D



006878



00245D



292D2E



00606E



00CFED

Inverse Universe

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



5D0051



780068



5D3900



2E292D



6E0060



ED00CF

Previews

White Background



This preview shows how the Hex color 00515D looks on a white background.

Color Contrast Check

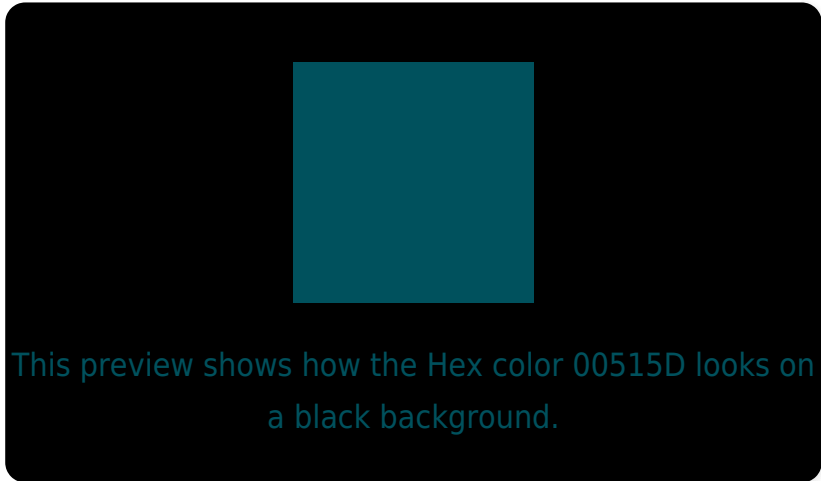
Large Text (above 18pt) WCAG AA ✓ Pass

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

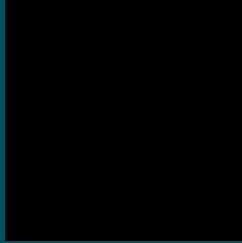
Any Text WCAG AA × Fail

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 00515D Background



This preview shows how black text looks on a background with the Hex color 00515D.

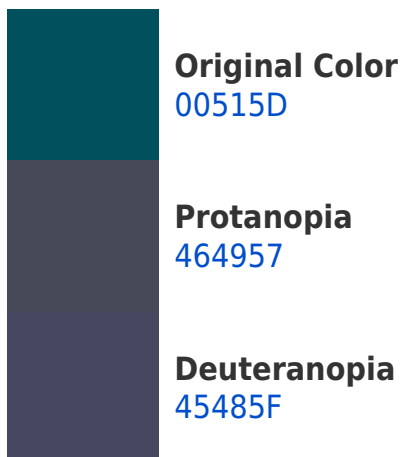


This preview shows how white text looks on a background with the Hex color 00515D.

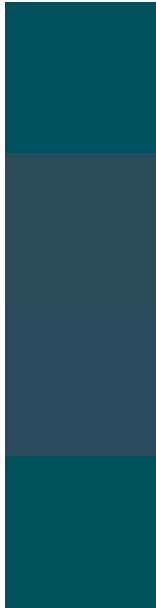
Color Blindness Simulation

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
00515D

Protanomaly
2D4C59

Deuteranomaly
2C4B5E

Tritanomaly
00525A

Monochromacy



Original Color
00515D

Achromatopsia
3A3A3A

Achromatomaly
254247

CSS Examples

Text

The CSS property to change the color of the text to Hex 00515D 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 #00515D looks like.

```
.text, #text, p{  
    color:#00515D  
}
```

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 #00515D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00515D
}
```

Border

The CSS property to change the border of an element to Hex 00515D 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
#00515D }
```

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

```
.border{ border-color:#00515D }
```

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

Here you see how a box with a 4 pixel #00515D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00515D; -webkit-box-shadow:4px 4px  
4px 4px #00515D; box-shadow:4px 4px 4px  
4px #00515D }
```

Background

The CSS property to change the background color of an element to Hex 00515D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00515D }
```

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

```
.background{ background-color:#00515D }
```

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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