

Converting Colors

Hex(00525B)

Have a look what the booklet for
Hex(00525B) contains.

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Color

Hex(00525B)

Conversions

Conversions Part 1

Format	Color
Hex	00525B
RGB	0, 82, 91
RGB Percent	0%, 32%, 36%
CMY	1.0000, 0.6784, 0.6431
CMYK	1.00, 0.10, 0.00, 0.64
HSL	186°, 100%, 18%
HSV	186°, 100%, 36%
XYZ	4.9056, 6.7899, 10.9496
YIQ	58.5080, -51.7610, -14.5850

Conversions

Conversions Part 2

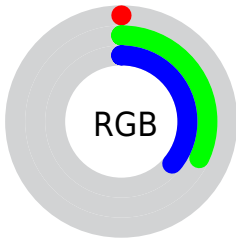
Format	Color
RYB	0, 43, 91
Decimal	21083
CIELab	31.32, -17.82, -11.41
CIELCh	31, 21.162, 212.636
Yxy	6.7899, 0.2166, 0.2998
Android (android.graphics.Color)	4278211163 (0xFF00525B)
YUV	58.5080, 16.0186, -51.3115
Hunter-Lab	26.0575, -11.9959, -6.6739

Details

The Hex color **00525B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B0900**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **43848D**, and **00252D** is the 20% darker color. If you saturate the color by 10%, you get **00525B**, and if you desaturate by 10%, it is **09535B**.

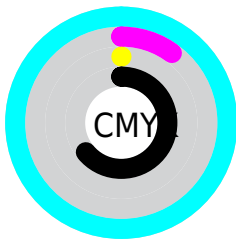
Distribution



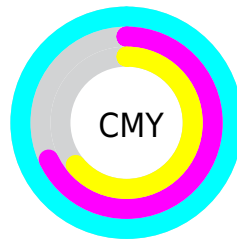
- Red (0%)
- Green (32%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00525B 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 00525B by changing the saturation by 10% instead.

 00525B

 00525B

FFFFFF

 003B44

 43848D

 00252D

 5E9EA8

 000A19

 79B9C3

 000000

 95D5DF

 B0F1FB

 CDFFFF

 EAFFFF

 00525B

■ 09535B

■ 12545B

■ 1B555B

■ 24565B

■ 2E575B

■ 37575B

■ 40585B

■ 49595B

■ 525A5B

Harmonies

Analogous

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



16534B



00525B



154F67

Triad

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



00525B



603F59



534928

Complementary

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



00525B



5B0900

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.



61432D



00525B



693D49

Square

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



00525B



4D4566



693E39



424E2D

Rectangle

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



00525B



2A4D6A



693E39



584729

Sweetspot

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



00525B



527275



005B08



26393B



BABABA



3B3B3B

Same Dimension

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



00525B



006A75



00265B



292D2E



00636E



00D6ED

Inverse Universe

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



5B0052



75006A



5B3500



2E292D



6E0063



ED00D6

Previews

White Background



This preview shows how the Hex color 00525B looks on a white background.

Color Contrast Check

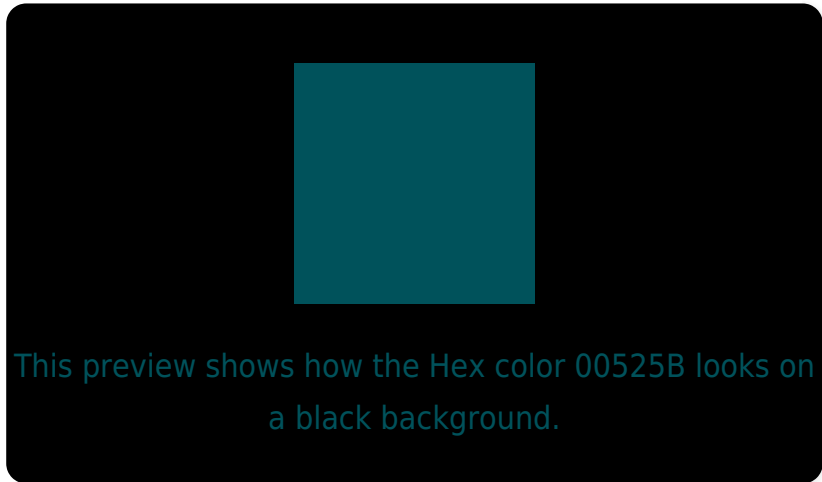
Large Text (above 18pt) WCAG AA ✓ Pass

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

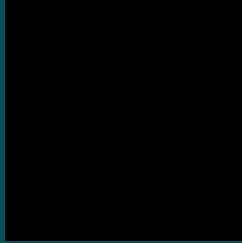
Any Text WCAG AA × Fail

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 00525B Background



This preview shows how black text looks on a background with the Hex color 00525B.

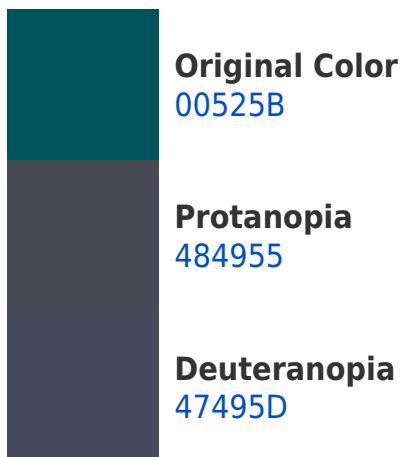


This preview shows how white text looks on a background with the Hex color 00525B.

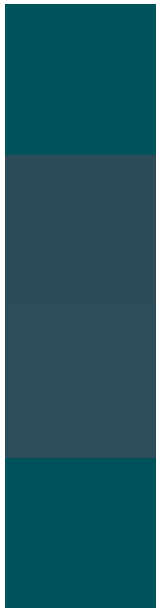
Color Blindness Simulation

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
00525B

Protanomaly
2E4C57

Deuteranomaly
2D4C5C

Tritanomaly
00525A

Monochromacy



Original Color
00525B

Achromatopsia
3B3B3B

Achromatomaly
264347

CSS Examples

Text

The CSS property to change the color of the text to Hex 00525B 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 #00525B looks like.

```
.text, #text, p{  
    color:#00525B  
}
```

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 #00525B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00525B
}
```

Border

The CSS property to change the border of an element to Hex 00525B is called "border". The border property can be set on classes, ids or directly on the HTML element.

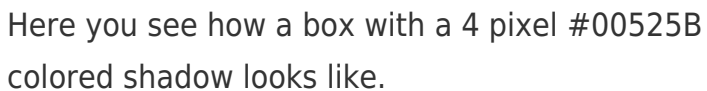
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00525B }
```

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

```
.border{ border-color:#00525B }
```

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



Here you see how a box with a 4 pixel #00525B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00525B; -webkit-box-shadow:4px 4px  
4px 4px #00525B; box-shadow:4px 4px 4px  
4px #00525B }
```

Background

The CSS property to change the background color of an element to Hex 00525B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00525B }
```

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

```
.background{ background-color:#00525B }
```

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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