

Converting Colors

Hex(49535B)

Have a look what the booklet for
Hex(49535B) contains.

Hex(49535B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49535B)

Conversions

Conversions Part 1

Format	Color
Hex	49535B
RGB	73, 83, 91
RGB Percent	29%, 33%, 36%
CMY	0.7137, 0.6745, 0.6431
CMYK	0.20, 0.09, 0.00, 0.64
HSL	207°, 11%, 32%
HSV	207°, 20%, 36%
XYZ	7.7292, 8.3583, 11.1035
YIQ	80.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

Format	Color
R_{YB}	73, 79, 91
Decimal	4805467
CIE Lab	34.72, -1.99, -5.99
CIE LCh	35, 6.316, 251.625
Yxy	8.3583, 0.2843, 0.3074
Android (android.graphics.Color)	4282995547 (0xFF49535B)
YUV	80.9220, 4.9685, -6.9476
Hunter-Lab	28.9107, -2.8721, -2.5334

Details

The Hex color **49535B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B5149**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7A848D**, and **1D262D** is the 20% darker color. If you saturate the color by 10%, you get **404F5B**, and if you desaturate by 10%, it is **52575B**.

Distribution



Red (29%)

Green (33%)

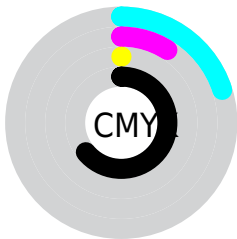
Blue (36%)



Red (29%)

Yellow (31%)

Blue (36%)

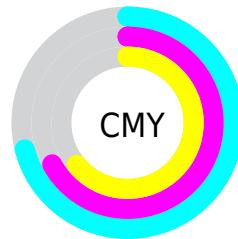


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (67%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49535B 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 49535B by changing the saturation by 10% instead.



49535B



49535B

FFFFFF



323C44



7A848D



1D262D



949FA7



051219



AEB9C3



000000



CAD5DF



E6F1FB



49535B



49535B



404F5B



52575B



374B5B



5B5B5B

■ 2E475B

■ 645F5B

■ 25435B

■ 6D635B

■ 1B3F5B

■ 76675B

■ 123B5B

■ 806B5B

■ 09375B

■ 896F5B

■ 00335B

■ 92735B

■ 9B775B

Harmonies

Analogous

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



465458



49535B



4F515B

Triad

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



49535B



5C4E50



4E534A

Complementary

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



49535B



5B5149

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.



545248



49535B



5C4F4B

Square

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



49535B



5A4F55



595048



49544E

Rectangle

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



49535B



53505A



595048



505349

Sweetspot

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



49535B



6E7275



495B51



37393B



BABABA



3B3B3B

Same Dimension

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



49535B



596975



494A5B



292C2E



003D6E



0084ED

Inverse Universe

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



5B4953



755969



5B5A49



2E292C



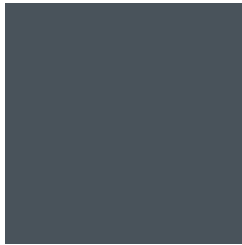
6E003D



ED0084

Previews

White Background



This preview shows how the Hex color 49535B looks on a white background.

Color Contrast Check

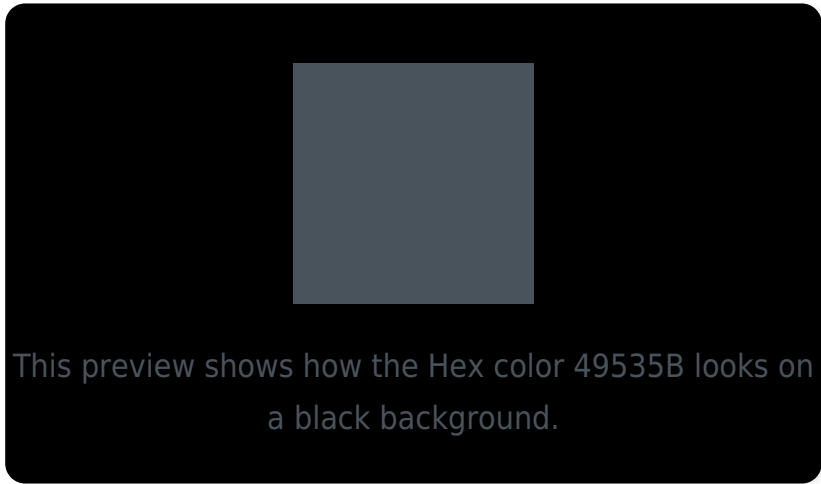
Large Text (above 18pt) WCAG AA ✓ Pass

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

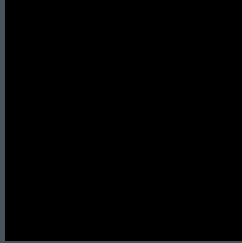
Any Text WCAG AA × Fail

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 49535B Background



This preview shows how black text looks on a background with the Hex color 49535B.



This preview shows how white text looks on a background with the Hex color 49535B.

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
49535B

Protanopia
51515A

Deuteranopia
554F5C



Tritanopia
49535A

Trichromacy



Original Color

49535B

Protanomaly

4E525A

Deuteranomaly

51505C

Tritanomaly

49535A

Monochromacy



Original Color

49535B

Achromatopsia

515151

Achromatomaly

4E5255

CSS Examples

Text

The CSS property to change the color of the text to Hex 49535B 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 #49535B looks like.

```
.text, #text, p{  
    color:#49535B  
}
```

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 #49535B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49535B
}
```

Border

The CSS property to change the border of an element to Hex 49535B is called "border". The border property can be set on classes, ids or directly on the HTML element.

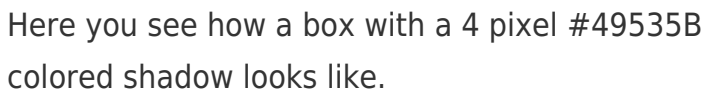
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49535B }
```

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

```
.border{ border-color:#49535B }
```

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



Here you see how a box with a 4 pixel #49535B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49535B; -webkit-box-shadow:4px 4px  
4px 4px #49535B; box-shadow:4px 4px 4px  
4px #49535B }
```

Background

The CSS property to change the background color of an element to Hex 49535B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49535B }
```

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

```
.background{ background-color:#49535B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor