

Converting Colors

Hex(49435E)

Have a look what the booklet for
Hex(49435E) contains.

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Color

Hex(49435E)

Conversions

Conversions Part 1

Format	Color
Hex	49435E
RGB	73, 67, 94
RGB Percent	29%, 26%, 37%
CMY	0.7137, 0.7373, 0.6314
CMYK	0.22, 0.29, 0.00, 0.63
HSL	253°, 17%, 32%
HSV	253°, 29%, 37%
XYZ	6.7752, 6.2389, 11.4368
YIQ	71.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

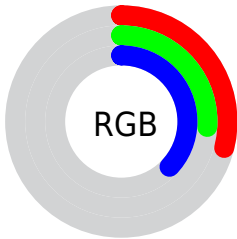
Format	Color
R_{YB}	73, 67, 94
Decimal	4801374
CIE _{Lab}	30.01, 9.01, -15.04
CIE _{LCh}	30, 17.533, 300.913
Yxy	6.2389, 0.2771, 0.2552
Android (android.graphics.Color)	4282991454 (0xFF49435E)
YUV	71.8720, 10.9091, 0.9893
Hunter-Lab	24.9778, 4.7065, -9.6631

Details

The Hex color **49435E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585E43**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A7390**, and **1C1830** is the 20% darker color. If you saturate the color by 10%, you get **423A5E**, and if you desaturate by 10%, it is **504C5E**.

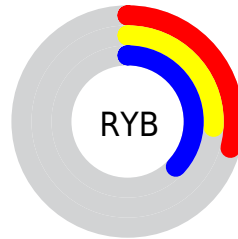
Distribution



Red (29%)

Green (26%)

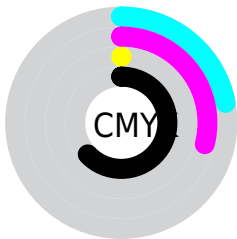
Blue (37%)



Red (29%)

Yellow (26%)

Blue (37%)

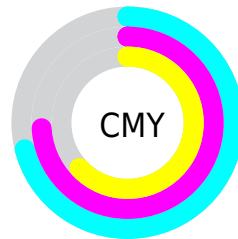


Cyan (22%)

Magenta (29%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (74%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49435E 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 49435E by changing the saturation by 10% instead.



49435E



49435E

FFFFFF



322D46



7A7390



1C1830



948CAB



06001B



AFA7C6



000000



CAC2E2



E6DEFF



FFFBFF



49435E



49435E



423A5E



504C5E

■ 3A305E

■ 58565E

■ 33275E

■ 5F5F5E

■ 2C1D5E

■ 66695E

■ 24145E

■ 6E725E

■ 1D0B5E

■ 757B5E

■ 16015E

■ 7C855E

■ 15005E

■ 838E5E

■ 8B985E

Harmonies

Analogous

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



354862



49435E



583F54

Triad

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



49435E



5B412F



214E47

Complementary

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



49435E



585E43

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.



314D39



49435E



50462B

Square

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



49435E



613E39



414A2F



184E54

Rectangle

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



49435E



5F3D4B



414A2F



264E42

Sweetspot

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



49435E



726F7A



43585E



38363D



BDBDBD



3D3D3D

Same Dimension

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



49435E



5A517A



56435E



2A292E



18006E



3500ED

Inverse Universe

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



5E4358



7A5171



4B5E43



2E292D



6E0055



ED00B8

Previews

White Background



This preview shows how the Hex color 49435E looks on a white background.

Color Contrast Check

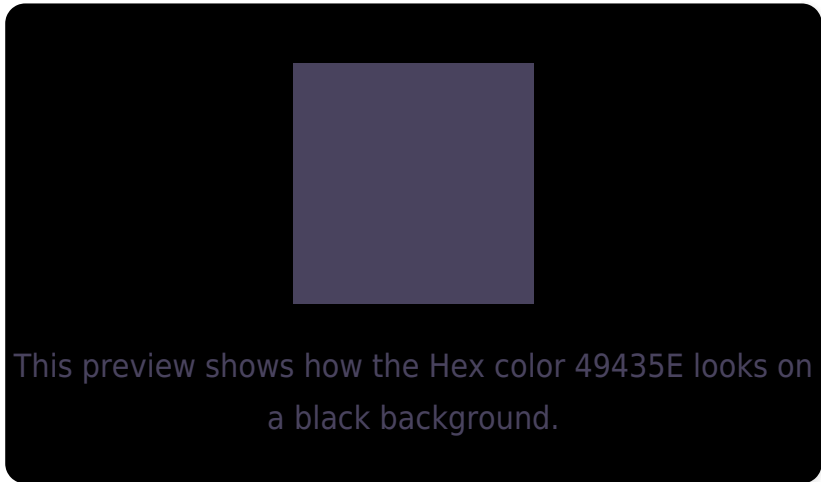
Large Text (above 18pt) WCAG AA ✓ Pass

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

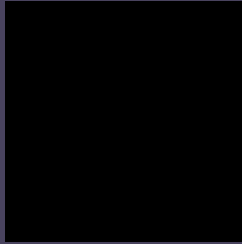
Any Text WCAG AA × Fail

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 49435E Background



This preview shows how black text looks on a background with the Hex color 49435E.

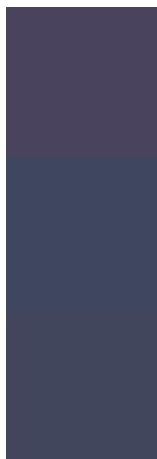


This preview shows how white text looks on a background with the Hex color 49435E.

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
49435E

Protanopia
3F4660

Deuteranopia
41465D



Tritanopia
46464C

Trichromacy



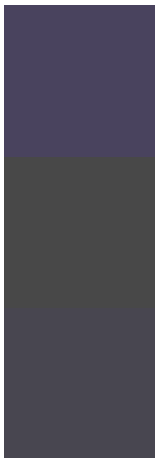
Original Color
49435E

Protanomaly
43455F

Deuteranomaly
44455D

Tritanomaly
474553

Monochromacy



Original Color
49435E

Achromatopsia
484848

Achromatomaly
484650

CSS Examples

Text

The CSS property to change the color of the text to Hex 49435E 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 #49435E looks like.

```
.text, #text, p{  
    color:#49435E  
}
```

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 #49435E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49435E
}
```

Border

The CSS property to change the border of an element to Hex 49435E is called "border". The border property can be set on classes, ids or directly on the HTML element.

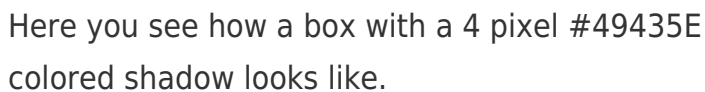
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49435E }
```

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

```
.border{ border-color:#49435E }
```

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



Here you see how a box with a 4 pixel #49435E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49435E; -webkit-box-shadow:4px 4px  
4px 4px #49435E; box-shadow:4px 4px 4px  
4px #49435E }
```

Background

The CSS property to change the background color of an element to Hex 49435E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49435E }
```

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

```
.background{ background-color:#49435E }
```

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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