

Converting Colors

Hex(49343D)

Have a look what the booklet for
Hex(49343D) contains.

| | |
|--|----|
| Hex(49343D) | 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(49343D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-------------------------|
| Hex | 49343D |
| RGB | 73, 52, 61 |
| RGB Percent | 29%, 20%, 24% |
| CMY | 0.7137, 0.7961, 0.7608 |
| CMYK | 0.00, 0.29, 0.16, 0.71 |
| HSL | 334°, 17%, 25% |
| HSV | 334°, 29%, 29% |
| XYZ | 4.8180, 4.2094, 4.9734 |
| YIQ | 59.3050, 9.6270, 7.2510 |

Conversions

Conversions Part 2

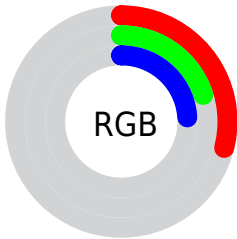
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 73, 52, 61 |
| Decimal | 4797501 |
| CIE Lab | 24.35, 11.11, -1.92 |
| CIE LCh | 24, 11.279, 350.196 |
| Yxy | 4.2094, 0.3441, 0.3007 |
| Android (android.graphics.Color) | 4282987581 (0xFF49343D) |
| YUV | 59.3050, 0.8356, 12.0105 |
| Hunter-Lab | 20.5168, 6.0128, -0.0107 |

Details

The Hex color **49343D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **344940**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7A636C**, and **1E0713** is the 20% darker color. If you saturate the color by 10%, you get **492D39**, and if you desaturate by 10%, it is **493B41**.

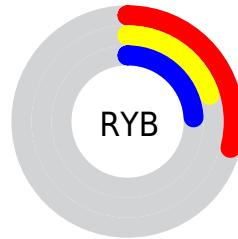
Distribution



Red (29%)

Green (20%)

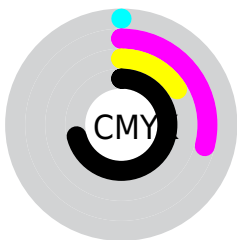
Blue (24%)



Red (29%)

Yellow (20%)

Blue (24%)

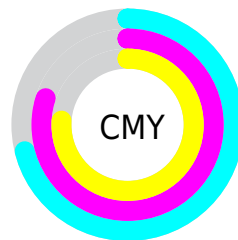


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (71%)



Cyan (71%)

Magenta (80%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49343D 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 49343D by changing the saturation by 10% instead.



49343D



49343D

FFFFFF



321F27



7A636C



1E0713



947C86



000000



AF95A0



CAB0BB



E6CCD6



FFE8F3



49343D



49343D



492D39



493B41

■ 492535

■ 494345

■ 491E30

■ 494A4A

■ 49172C

■ 49514E

■ 490F28

■ 495952

■ 490824

■ 496056

■ 490120

■ 49675A

■ 49001F

■ 496E5E

■ 497663

Harmonies

Analogous

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



423645



49343D



4B3434

Triad

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



49343D



3A3B2A



233E47

Complementary

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



49343D



344940

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.



223F3F



49343D



303D2F

Square

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



49343D



433829



273E37



2C3B4A

Rectangle

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



49343D



4A352F



273E37



223E44

Sweetspot

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



49343D



5E5659



403449



302B2D



B0B0B0



303030

Same Dimension

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



49343D



5E3D4B



493534



242022



63002B



E30061

Inverse Universe

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



49343D



5E3D4B



344849



242022



63002B



E30061

Previews

White Background



This preview shows how the Hex color 49343D looks on a white background.

Color Contrast Check

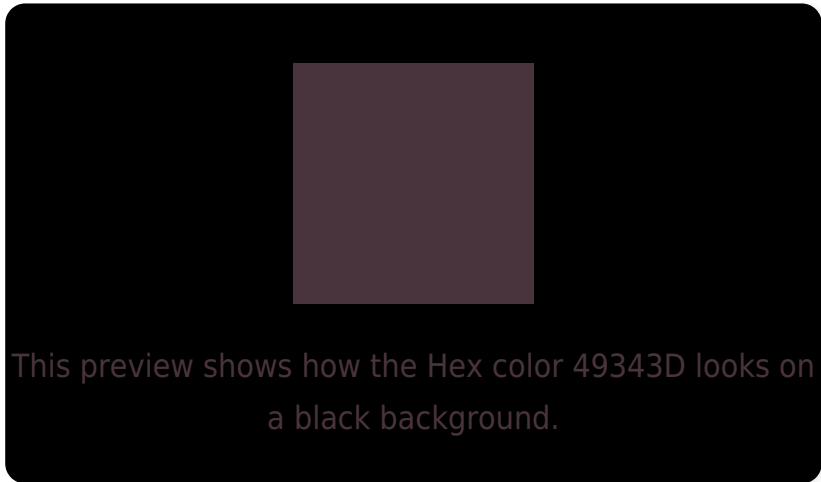
Large Text (above 18pt) WCAG AA ✓ Pass

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

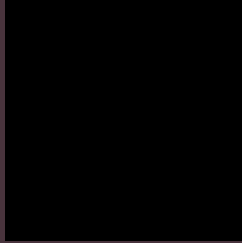
Any Text WCAG AA × Fail

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 49343D Background



This preview shows how black text looks on a background with the Hex color 49343D.

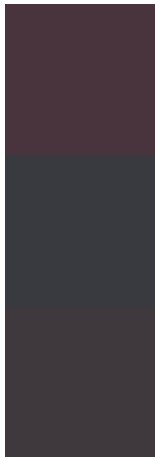


This preview shows how white text looks on a background with the Hex color 49343D.

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
49343D

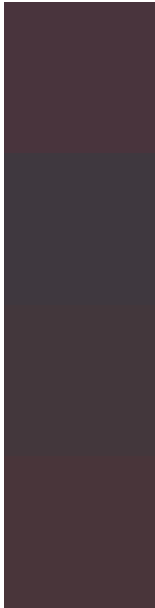
Protanopia
393A40

Deuteranopia
3F383C



Tritanopia
493539

Trichromacy



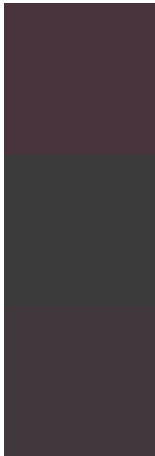
Original Color
49343D

Protanomaly
3F383F

Deuteranomaly
43373C

Tritanomaly
49353A

Monochromacy



Original Color
49343D

Achromatopsia
3B3B3B

Achromatomaly
40383C

CSS Examples

Text

The CSS property to change the color of the text to Hex 49343D 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 #49343D looks like.

```
.text, #text, p{  
    color:#49343D  
}
```

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 #49343D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49343D
}
```

Border

The CSS property to change the border of an element to Hex 49343D 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
#49343D }
```

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

```
.border{ border-color:#49343D }
```

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

Here you see how a box with a 4 pixel #49343D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49343D; -webkit-box-shadow:4px 4px  
4px 4px #49343D; box-shadow:4px 4px 4px  
4px #49343D }
```

Background

The CSS property to change the background color of an element to Hex 49343D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49343D }
```

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

```
.background{ background-color:#49343D }
```

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