

Converting Colors

Hex(44313B)

Have a look what the booklet for
Hex(44313B) contains.

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Color

Hex(44313B)

Conversions

Conversions Part 1

Format	Color
Hex	44313B
RGB	68, 49, 59
RGB Percent	27%, 19%, 23%
CMY	0.7333, 0.8078, 0.7686
CMYK	0.00, 0.28, 0.13, 0.73
HSL	328°, 16%, 23%
HSV	328°, 28%, 27%
XYZ	4.2716, 3.7413, 4.6347
YIQ	55.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

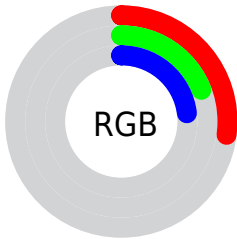
Format	Color
RYB	68, 49, 59
Decimal	4469051
CIELab	22.80, 10.54, -2.94
CIElCh	23, 10.942, 344.415
Yxy	3.7413, 0.3377, 0.2958
Android (android.graphics.Color)	4282659131 (0xFF44313B)
YUV	55.8210, 1.5672, 10.6810
Hunter-Lab	19.3425, 5.5707, -0.6668

Details

The Hex color **44313B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31443A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **745F6A**, and **1A0211** is the 20% darker color. If you saturate the color by 10%, you get **442A38**, and if you desaturate by 10%, it is **44383E**.

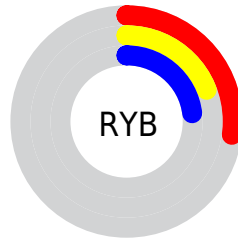
Distribution



Red (27%)

Green (19%)

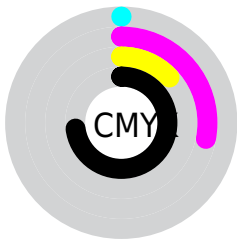
Blue (23%)



Red (27%)

Yellow (19%)

Blue (23%)

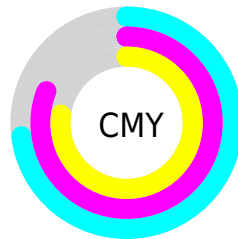


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (73%)



Cyan (73%)

Magenta (81%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44313B 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 44313B by changing the saturation by 10% instead.



44313B



44313B

FFFFFF



2E1C25



745F6A



1A0211



8E7883



000000



A9929D



C4ACB8



E0C8D4



FDE4F0



44313B



44313B



442A38



44383E

■ 442335

■ 443F41

■ 441D31

■ 444545

■ 44162E

■ 444C48

■ 440F2B

■ 44534B

■ 440828

■ 445A4E

■ 440124

■ 446152

■ 440024

■ 446755

■ 446E58

Harmonies

Analogous

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



3D3342



44313B



473133

Triad

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



44313B



383727



203A42

Complementary

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



44313B



31443A

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.



203B3A



44313B



2F392B

Square

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



44313B



403427



263B32



273846

Rectangle

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



44313B



47312E



263B32



1F3B3F

Sweetspot

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



44313B



595256



3A3144



2E292C



ADADAD



2E2E2E

Same Dimension

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



44313B



593B4B



443132



211E20



610033



E00076

Inverse Universe

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



44313B



593B4B



314443



211E20



610033



E00076

Previews

White Background



This preview shows how the Hex color 44313B looks on a white background.

Color Contrast Check

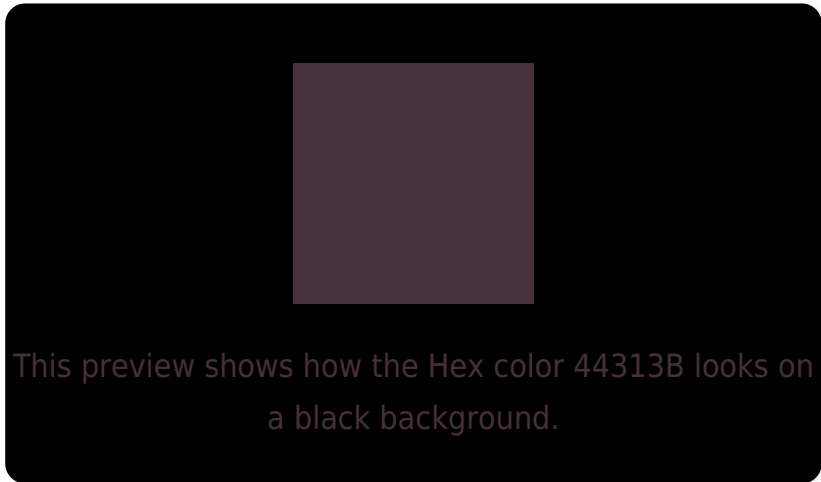
Large Text (above 18pt) WCAG AA ✓ Pass

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

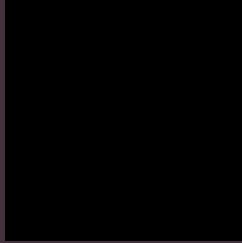
Any Text WCAG AA × Fail

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 44313B Background



This preview shows how black text looks on a background with the Hex color 44313B.



This preview shows how white text looks on a background with the Hex color 44313B.

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](#).

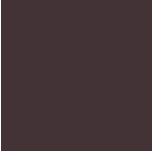
Dichromacy



Original Color
44313B

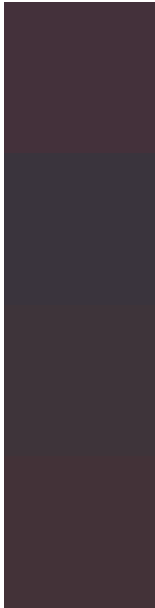
Protanopia
35363E

Deuteranopia
3A353A



Tritanopia
433236

Trichromacy



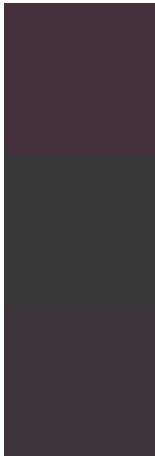
Original Color
44313B

Protanomaly
3A343D

Deuteranomaly
3E343A

Tritanomaly
433238

Monochromacy



Original Color
44313B

Achromatopsia
383838

Achromatomaly
3C3539

CSS Examples

Text

The CSS property to change the color of the text to Hex 44313B 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 #44313B looks like.

```
.text, #text, p{  
    color:#44313B  
}
```

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 #44313B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44313B
}
```

Border

The CSS property to change the border of an element to Hex 44313B 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
#44313B }
```

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

```
.border{ border-color:#44313B }
```

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

Here you see how a box with a 4 pixel #44313B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44313B; -webkit-box-shadow:4px 4px  
4px 4px #44313B; box-shadow:4px 4px 4px  
4px #44313B }
```

Background

The CSS property to change the background color of an element to Hex 44313B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44313B }
```

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

```
.background{ background-color:#44313B }
```

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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