

Converting Colors

Hex(31483A)

Have a look what the booklet for
Hex(31483A) contains.

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Color

Hex(31483A)

Conversions

Conversions Part 1

Format	Color
Hex	31483A
RGB	49, 72, 58
RGB Percent	19%, 28%, 23%
CMY	0.8078, 0.7176, 0.7725
CMYK	0.32, 0.00, 0.19, 0.72
HSL	143°, 19%, 24%
HSV	143°, 32%, 28%
XYZ	4.3477, 5.5932, 4.8534
YIQ	63.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

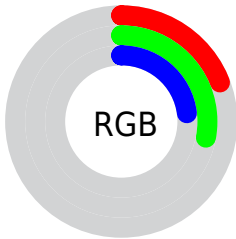
Format	Color
R_{YB}	49, 66, 72
Decimal	3229754
CIE Lab	28.36, -12.40, 5.57
CIE LCh	28, 13.593, 155.795
Yxy	5.5932, 0.2939, 0.3781
Android (android.graphics.Color)	4281419834 (0xFF31483A)
YUV	63.5270, -2.7248, -12.7402
Hunter-Lab	23.6499, -8.5726, 4.3875

Details

The Hex color **31483A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48313F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **607969**, and **051D0F** is the 20% darker color. If you saturate the color by 10%, you get **2A4836**, and if you desaturate by 10%, it is **38483E**.

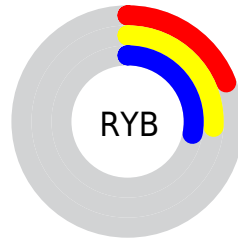
Distribution



Red (19%)

Green (28%)

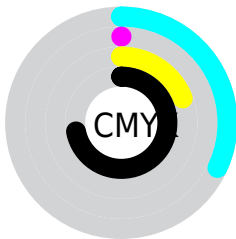
Blue (23%)



Red (19%)

Yellow (26%)

Blue (28%)

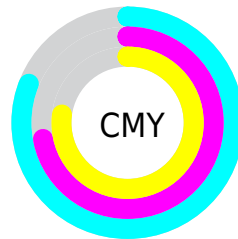


Cyan (32%)

Magenta (0%)

Yellow (19%)

Black (72%)



Cyan (81%)

Magenta (72%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31483A 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 31483A by changing the saturation by 10% instead.

■ 31483A

■ 31483A

FFFFFF

■ 1B3124

■ 607969

■ 051D0F

■ 799282

■ 000000

■ 93AD9C

■ ADC8B7

■ C9E4D3

■ E5FFE5

■ 31483A

■ 31483A

■ 2A4836

■ 38483E

■ 234831

■ 3F4843

■ 1B482D

■ 474847

■ 144828

■ 4E484C

■ 0D4824

■ 554850

■ 064820

■ 5C4854

■ 00481C

■ 634859

■ 6B485D

■ 724861

Harmonies

Analogous

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



3D4632



31483A



274945

Triad

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



31483A



394358



573C37

Complementary

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



31483A



48313F

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.



583B41



31483A



474054

Square

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



31483A



2B4656



523C4C



523F30

Rectangle

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



31483A



24494C



523C4C



583C3A

Sweetspot

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



31483A



555E59



3F4831



2B302D



B0B0B0



303030

Same Dimension

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



31483A



3A5E49



314845



202422



006327



00E359

Inverse Universe

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



48313F



5E3A50



483134



242022



63003D



E3008A

Previews

White Background



This preview shows how the Hex color 31483A looks on a white background.

Color Contrast Check

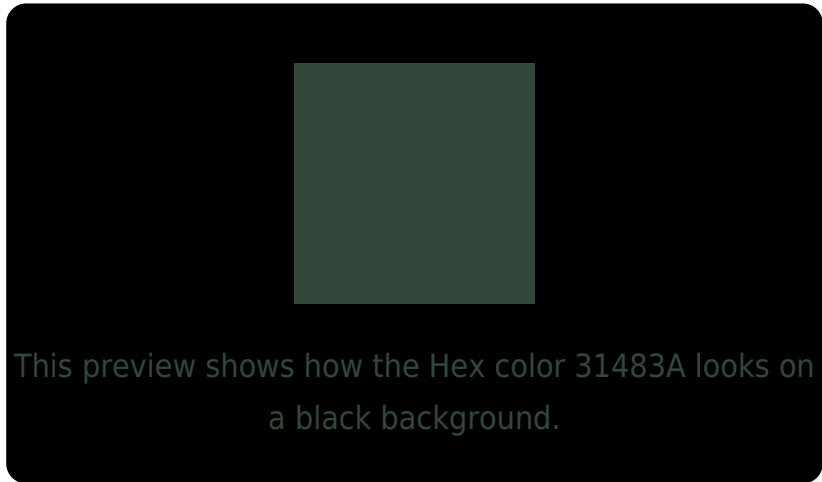
Large Text (above 18pt) WCAG AA ✓ Pass

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

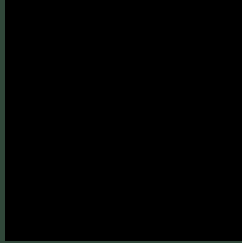
Any Text WCAG AA × Fail

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 31483A Background



This preview shows how black text looks on a background with the Hex color 31483A.



This preview shows how white text looks on a background with the Hex color 31483A.

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
31483A

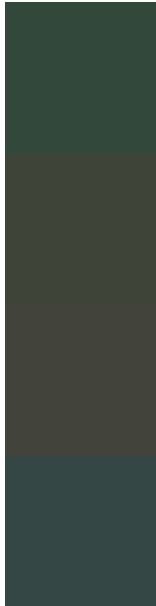
Protanopia
464337

Deuteranopia
4C403C



Tritanopia
35464B

Trichromacy



Original Color
31483A

Protanomaly
3E4538

Deuteranomaly
42433B

Tritanomaly
344745

Monochromacy



Original Color
31483A

Achromatopsia
404040

Achromatomaly
3B433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 31483A 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 #31483A looks like.

```
.text, #text, p{  
    color:#31483A  
}
```

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 #31483A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31483A
}
```

Border

The CSS property to change the border of an element to Hex 31483A 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".

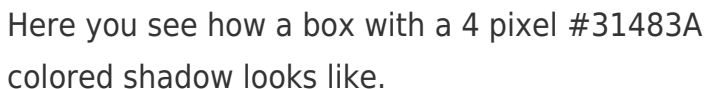
```
.border, #border, table{ border:4px solid
#31483A }
```

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

```
.border{ border-color:#31483A }
```

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

Here you see how a box with a 4 pixel #31483A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31483A; -webkit-box-shadow:4px 4px  
4px 4px #31483A; box-shadow:4px 4px 4px  
4px #31483A }
```

Background

The CSS property to change the background color of an element to Hex 31483A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31483A }
```

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

```
.background{ background-color:#31483A }
```

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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