

Converting Colors

Hex(3A463A)

Have a look what the booklet for
Hex(3A463A) contains.

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Color

Hex(3A463A)

Conversions

Conversions Part 1

Format	Color
Hex	3A463A
RGB	58, 70, 58
RGB Percent	23%, 27%, 23%
CMY	0.7725, 0.7255, 0.7725
CMYK	0.17, 0.00, 0.17, 0.73
HSL	120°, 9%, 25%
HSV	120°, 17%, 27%
XYZ	4.6988, 5.5853, 4.8334
YIQ	65.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

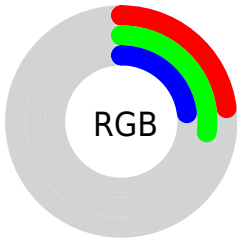
Format	Color
R_{YB}	58, 70, 70
Decimal	3819066
CIE Lab	28.34, -7.62, 5.64
CIE LCh	28, 9.476, 143.513
Yxy	5.5853, 0.3108, 0.3695
Android (android.graphics.Color)	4282009146 (0xFF3A463A)
YUV	65.0440, -3.4727, -6.1776
Hunter-Lab	23.6333, -5.8688, 4.4175

Details

The Hex color **3A463A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463A46**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **697669**, and **101B0F** is the 20% darker color. If you saturate the color by 10%, you get **334633**, and if you desaturate by 10%, it is **414641**.

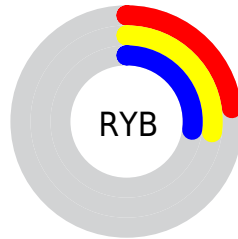
Distribution



 Red (23%)

 Green (27%)

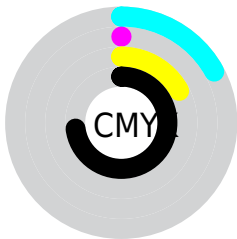
 Blue (23%)



 Red (23%)

 Yellow (27%)

 Blue (27%)

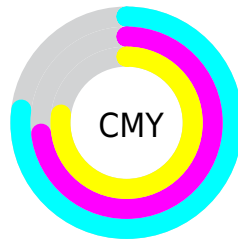


 Cyan (17%)

 Magenta (0%)

 Yellow (17%)

 Black (73%)



 Cyan (77%)

 Magenta (73%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A463A 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 3A463A by changing the saturation by 10% instead.



3A463A



3A463A

FFFFFF



243024



697669



101B0F



829082



000000



9DAA9C



B7C6B7



D3E2D3



EFFEEF



3A463A



3A463A



334633



414641

■ 2C462C

■ 484648

■ 254625

■ 4F464F

■ 1E461E

■ 564656

■ 174617

■ 5D465D

■ 104610

■ 644664

■ 094609

■ 6B466B

■ 024602

■ 724672

■ 004600

■ 794679

Harmonies

Analogous

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



424435



3A463A



334741

Triad

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



3A463A



394451



523E3D

Complementary

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



3A463A



463A46

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.



513E45



3A463A



424250

Square

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



3A463A



31464E



4B3F4C



504037

Rectangle

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



3A463A



304746



4B3F4C



523E40

Sweetspot

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



3A463A



575C57



46463A



2B2E2B



ADADAD



2E2E2E

Same Dimension

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



3A463A



495C49



3A4640



202420



006300



00E300

Inverse Universe

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



463A46



5C495C



463A40



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 3A463A looks on a white background.

Color Contrast Check

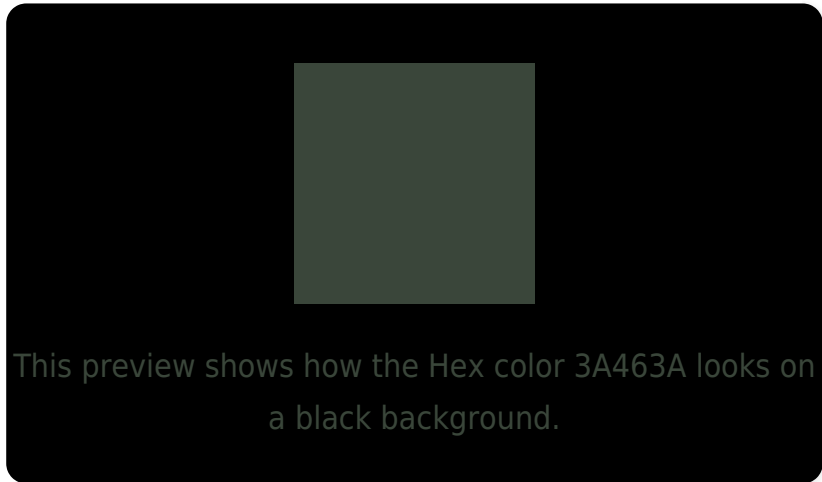
Large Text (above 18pt) WCAG AA ✓ Pass

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

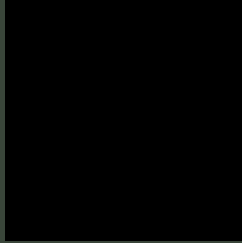
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

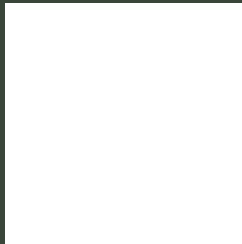
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A463A Background



This preview shows how black text looks on a background with the Hex color 3A463A.

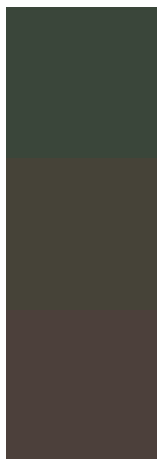


This preview shows how white text looks on a background with the Hex color 3A463A.

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

3A463A

Protanopia

464338

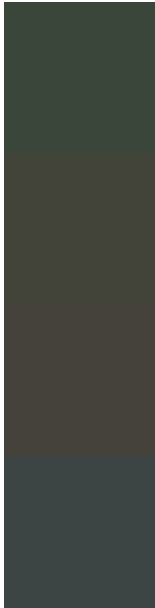
Deuteranopia

4C403B



Tritanopia
3D4449

Trichromacy



Original Color

3A463A

Protanomaly

424439

Deuteranomaly

45423B

Tritanomaly

3C4544

Monochromacy



Original Color

3A463A

Achromatopsia

414141

Achromatomaly

3E433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A463A 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 #3A463A looks like.

```
.text, #text, p{  
    color:#3A463A  
}
```

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 #3A463A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A463A
}
```

Border

The CSS property to change the border of an element to Hex 3A463A is called "border". The border property can be set on classes, ids or directly on the HTML element.

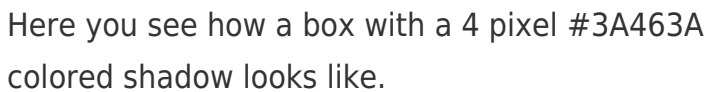
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A463A }
```

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

```
.border{ border-color:#3A463A }
```

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



Here you see how a box with a 4 pixel #3A463A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A463A; -webkit-box-shadow:4px 4px  
4px 4px #3A463A; box-shadow:4px 4px 4px  
4px #3A463A }
```

Background

The CSS property to change the background color of an element to Hex 3A463A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A463A }
```

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

```
.background{ background-color:#3A463A }
```

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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