

Converting Colors

Hex(3A5139)

Have a look what the booklet for
Hex(3A5139) contains.

Hex(3A5139)	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(3A5139)

Conversions

Conversions Part 1

Format	Color
Hex	3A5139
RGB	58, 81, 57
RGB Percent	23%, 32%, 22%
CMY	0.7725, 0.6824, 0.7765
CMYK	0.28, 0.00, 0.30, 0.68
HSL	118°, 17%, 27%
HSV	118°, 30%, 32%
XYZ	5.4259, 7.0798, 4.9515
YIQ	71.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

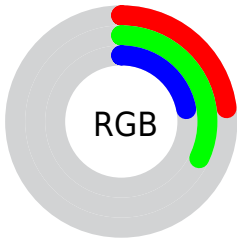
Format	Color
RYB	57, 81, 80
Decimal	3821881
CIELab	31.99, -14.32, 11.35
CIELCh	32, 18.275, 141.603
Yxy	7.0798, 0.3108, 0.4056
Android (android.graphics.Color)	4282011961 (0xFF3A5139)
YUV	71.3870, -7.0928, -11.7404
Hunter-Lab	26.6079, -10.1642, 7.5923

Details

The Hex color **3A5139** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **503951**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6A8268**, and **0F240E** is the 20% darker color. If you saturate the color by 10%, you get **325131**, and if you desaturate by 10%, it is **425141**.

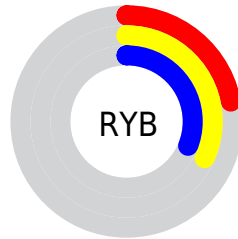
Distribution



 Red (23%)

 Green (32%)

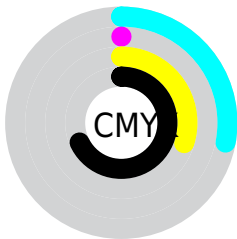
 Blue (22%)



 Red (22%)

 Yellow (32%)

 Blue (31%)

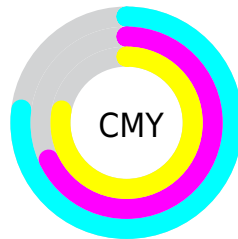


 Cyan (28%)

 Magenta (0%)

 Yellow (30%)

 Black (68%)



 Cyan (77%)

 Magenta (68%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5139 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 3A5139 by changing the saturation by 10% instead.



3A5139



3A5139

FFFFFF



243A23



6A8268



0F240E



839D81



000D00



9DB79B



000000



B8D3B6



D4EFD2



F1FFEE



3A5139



3A5139



325131



425141

■ 2A5129

■ 4A5149

■ 235121

■ 515151

■ 1B5119

■ 595159

■ 135111

■ 615162

■ 0B5108

■ 69516A

■ 045100

■ 705172

■ 035100

■ 78517A

■ 805182

Harmonies

Analogous

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



4A4E30



3A5139



295347

Triad

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



3A5139



324E67



684141

Complementary

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



3A5139



503951

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.



654150



3A5139



474966

Square

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



3A5139



1E5161



5A445D



634435

Rectangle

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



3A5139



1F5350



5A445D



684046

Sweetspot

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



3A5139



60695F



515039



303630



B5B5B5



363636

Same Dimension

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



3A5139



446943



395144



252925



046900



0AE800

Inverse Universe

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



503951



674369



513946



292529



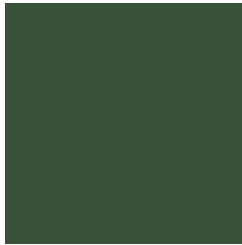
640069



DE00E8

Previews

White Background



This preview shows how the Hex color 3A5139 looks on a white background.

Color Contrast Check

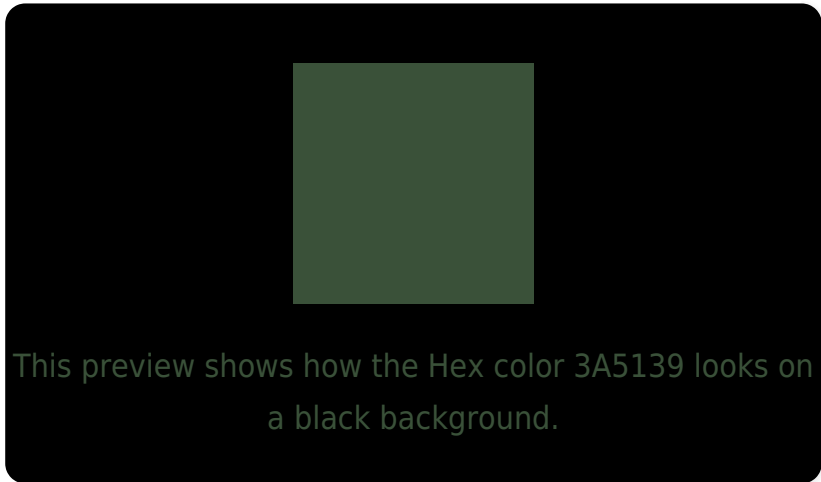
Large Text (above 18pt) WCAG AA ✓ Pass

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

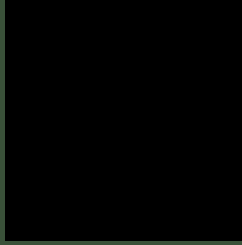
Any Text WCAG AA × Fail

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 3A5139 Background



This preview shows how black text looks on a background with the Hex color 3A5139.



This preview shows how white text looks on a background with the Hex color 3A5139.

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](#).

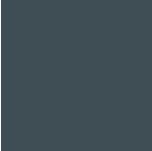
Dichromacy



Original Color
3A5139

Protanopia
514B36

Deuteranopia
58483B



Tritanopia
3F4E54

Trichromacy



Original Color
3A5139

Protanomaly
494D37

Deuteranomaly
4D4B3A

Tritanomaly
3D4F4A

Monochromacy



Original Color
3A5139

Achromatopsia
474747

Achromatomaly
424B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5139 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 #3A5139 looks like.

```
.text, #text, p{  
    color:#3A5139  
}
```

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 #3A5139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5139
}
```

Border

The CSS property to change the border of an element to Hex 3A5139 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".

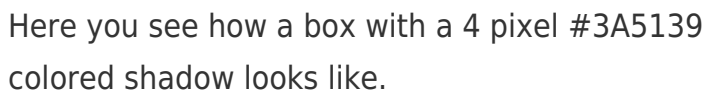
```
.border, #border, table{ border:4px solid
#3A5139 }
```

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

```
.border{ border-color:#3A5139 }
```

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

Here you see how a box with a 4 pixel #3A5139 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5139; -webkit-box-shadow:4px 4px  
4px 4px #3A5139; box-shadow:4px 4px 4px  
4px #3A5139 }
```

Background

The CSS property to change the background color of an element to Hex 3A5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5139 }
```

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

```
.background{ background-color:#3A5139 }
```

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