

Converting Colors

Hex(3A5143)

Have a look what the booklet for
Hex(3A5143) contains.

Hex(3A5143)	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(3A5143)

Conversions

Conversions Part 1

Format	Color
Hex	3A5143
RGB	58, 81, 67
RGB Percent	23%, 32%, 26%
CMY	0.7725, 0.6824, 0.7373
CMYK	0.28, 0.00, 0.17, 0.68
HSL	143°, 17%, 27%
HSV	143°, 28%, 32%
XYZ	5.7005, 7.1896, 6.3975
YIQ	72.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

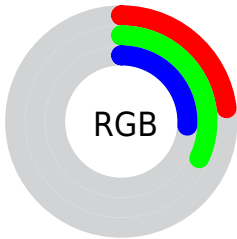
Format	Color
RYB	58, 75, 81
Decimal	3821891
CIELab	32.23, -12.19, 5.41
CIElCh	32, 13.339, 156.067
Yxy	7.1896, 0.2956, 0.3728
Android (android.graphics.Color)	4282011971 (0xFF3A5143)
YUV	72.5270, -2.7248, -12.7402
Hunter-Lab	26.8135, -8.9751, 4.6234

Details

The Hex color **3A5143** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **513A48**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6A8273**, and **0F2418** is the 20% darker color. If you saturate the color by 10%, you get **32513E**, and if you desaturate by 10%, it is **425148**.

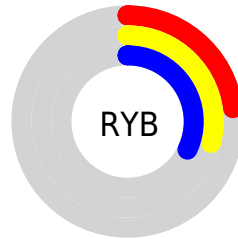
Distribution



Red (23%)

Green (32%)

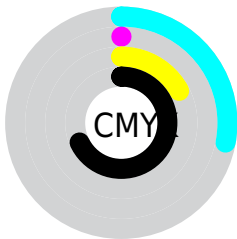
Blue (26%)



Red (23%)

Yellow (29%)

Blue (32%)

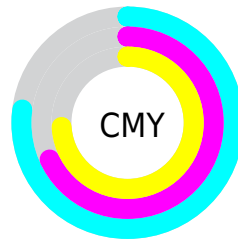


Cyan (28%)

Magenta (0%)

Yellow (17%)

Black (68%)



Cyan (77%)

Magenta (68%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5143 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 3A5143 by changing the saturation by 10% instead.

■ 3A5143

■ 3A5143

FFFFFF

■ 243A2D

■ 6A8273

■ 0F2418

■ 839C8C

■ 000F00

■ 9DB7A7

■ 000000

■ B8D3C2

■ D4EFDE

■ F0FFFA

■ 3A5143

■ 3A5143

■ 32513E

■ 425148

■ 2A5139

■ 4A514D

■ 225134

■ 525152

■ 1A512F

■ 5A5157

■ 11512A

■ 63515C

■ 095125

■ 6B5161

■ 015120

■ 735166

■ 005120

■ 7B516A

■ 83516F

Harmonies

Analogous

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



464F3B



3A5143



31524E

Triad

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



3A5143



424C60



604540

Complementary

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



3A5143



513A48

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.



61444A



3A5143



50485D

Square

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



3A5143



354F5F



5B4555



5B4839

Rectangle

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



3A5143



2E5255



5B4555



614543

Sweetspot

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



3A5143



5F6963



48513A



303632



B5B5B5



363636

Same Dimension

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



3A5143



456953



3A514E



252926



006929



00E85B

Inverse Universe

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



513A48



69455B



513A3D



292527



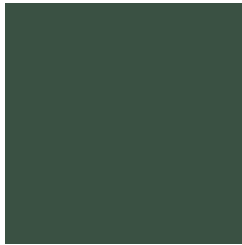
690040



E8008D

Previews

White Background



This preview shows how the Hex color 3A5143 looks on a white background.

Color Contrast Check

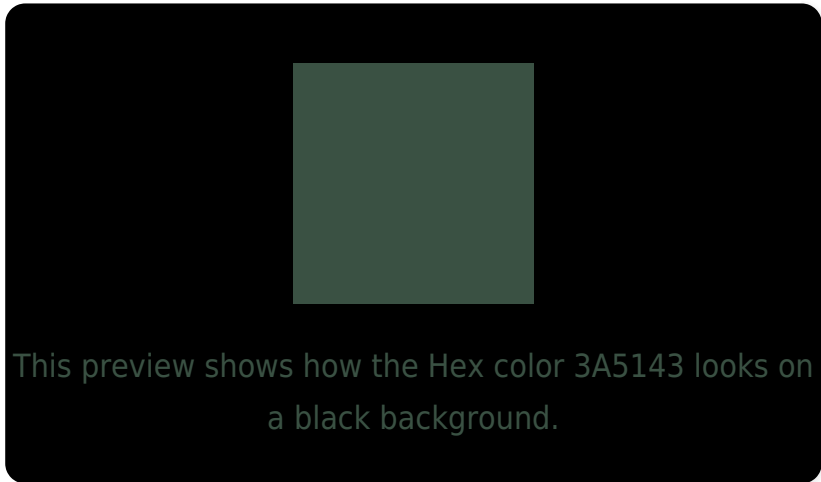
Large Text (above 18pt) WCAG AA ✓ Pass

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

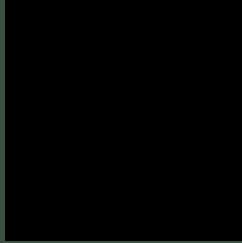
Any Text WCAG AA × Fail

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 3A5143 Background



This preview shows how black text looks on a background with the Hex color 3A5143.

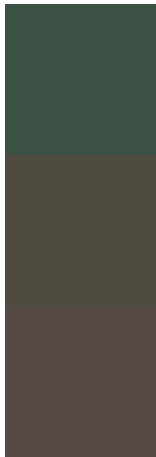


This preview shows how white text looks on a background with the Hex color 3A5143.

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
3A5143

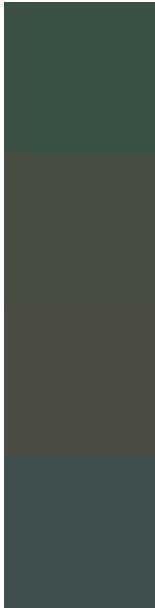
Protanopia
504B40

Deuteranopia
554945



Tritanopia
3E4F55

Trichromacy



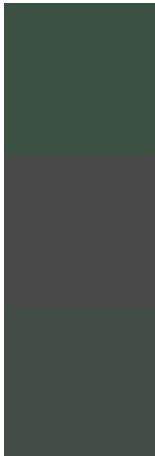
Original Color
3A5143

Protanomaly
484D41

Deuteranomaly
4B4C44

Tritanomaly
3D504E

Monochromacy



Original Color
3A5143

Achromatopsia
494949

Achromatomaly
444C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5143 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 #3A5143 looks like.

```
.text, #text, p{  
    color:#3A5143  
}
```

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 #3A5143 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5143
}
```

Border

The CSS property to change the border of an element to Hex 3A5143 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
#3A5143 }
```

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

```
.border{ border-color:#3A5143 }
```

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

Here you see how a box with a 4 pixel #3A5143 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5143; -webkit-box-shadow:4px 4px  
4px 4px #3A5143; box-shadow:4px 4px 4px  
4px #3A5143 }
```

Background

The CSS property to change the background color of an element to Hex 3A5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5143 }
```

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

```
.background{ background-color:#3A5143 }
```

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