

Converting Colors

Hex(3A513A)

Have a look what the booklet for
Hex(3A513A) contains.

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Color

Hex(3A513A)

Conversions

Conversions Part 1

Format	Color
Hex	3A513A
RGB	58, 81, 58
RGB Percent	23%, 32%, 23%
CMY	0.7725, 0.6824, 0.7725
CMYK	0.28, 0.00, 0.28, 0.68
HSL	120°, 17%, 27%
HSV	120°, 28%, 32%
XYZ	5.4511, 7.0899, 5.0842
YIQ	71.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

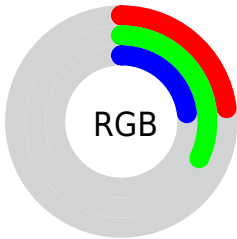
Format	Color
RYB	58, 81, 81
Decimal	3821882
CIELab	32.01, -14.12, 10.76
CIElCh	32, 17.753, 142.703
Yxy	7.0899, 0.3093, 0.4023
Android (android.graphics.Color)	4282011962 (0xFF3A513A)
YUV	71.5010, -6.6560, -11.8404
Hunter-Lab	26.6268, -10.0543, 7.3179

Details

The Hex color **3A513A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **513A51**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6A8269**, and **0F2410** is the 20% darker color. If you saturate the color by 10%, you get **325132**, and if you desaturate by 10%, it is **425142**.

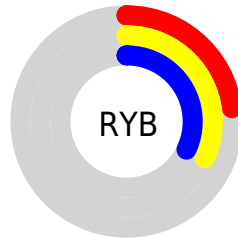
Distribution



 Red (23%)

 Green (32%)

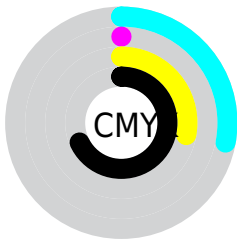
 Blue (23%)



 Red (23%)

 Yellow (32%)

 Blue (32%)

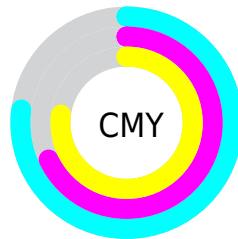


 Cyan (28%)

 Magenta (0%)

 Yellow (28%)

 Black (68%)



 Cyan (77%)

 Magenta (68%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A513A 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 3A513A by changing the saturation by 10% instead.



3A513A



3A513A

FFFFFF



243A24



6A8269



0F2410



839D82



000D00



9DB79C



000000



B8D3B7



D4EFD3



F1FFEF



3A513A



3A513A



325132



425142

 2A512A


 4A514A

 225122

 525152

 1A511A


 5A515A

 115111

 635163

 095109

 6B516B

 015101

 735173

 005100

 7B517B

 835183

Harmonies

Analogous

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



4A4E31



3A513A



2A5347

Triad

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



3A513A



334E67



674141

Complementary

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



3A513A



513A51

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.



64414F



3A513A



484965

Square

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



3A513A



215161



5A445C



624536

Rectangle

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



3A513A



215351



5A445C



674146

Sweetspot

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



3A513A



5F695F



51513A



303630



B5B5B5



363636

Same Dimension

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



3A513A



456945



3A5146



252925



006900



00E800

Inverse Universe

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



513A51



694569



513A46



292529



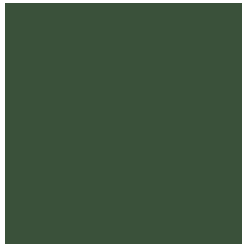
690069



E800E8

Previews

White Background



This preview shows how the Hex color 3A513A looks on a white background.

Color Contrast Check

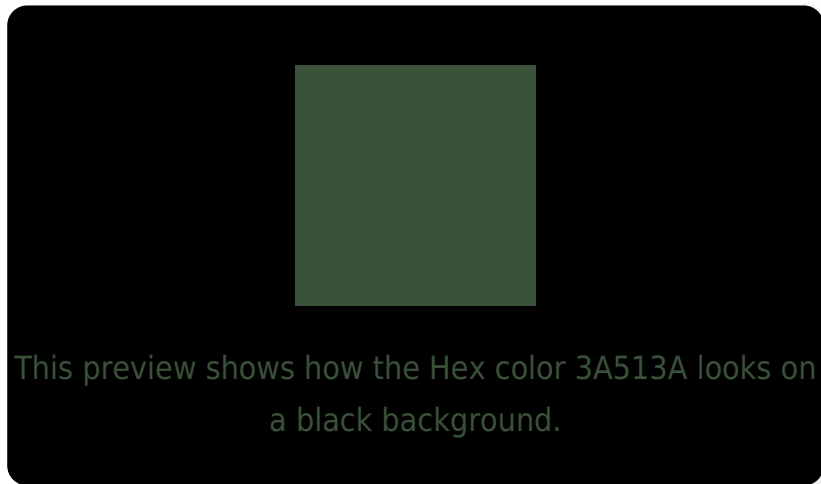
Large Text (above 18pt) WCAG AA ✓ Pass

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

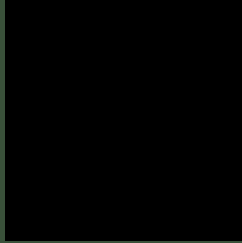
Any Text WCAG AA × Fail

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 3A513A Background



This preview shows how black text looks on a background with the Hex color 3A513A.



This preview shows how white text looks on a background with the Hex color 3A513A.

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
3A513A

Protanopia
514B37

Deuteranopia
58483C



Tritanopia
3F4E54

Trichromacy



Original Color
3A513A

Protanomaly
494D38

Deuteranomaly
4D4B3B

Tritanomaly
3D4F4B

Monochromacy



Original Color
3A513A

Achromatopsia
484848

Achromatomaly
434B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A513A 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 #3A513A looks like.

```
.text, #text, p{  
    color:#3A513A  
}
```

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 #3A513A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A513A
}
```

Border

The CSS property to change the border of an element to Hex 3A513A is called "border". The border property can be set on classes, ids or directly on the HTML element.

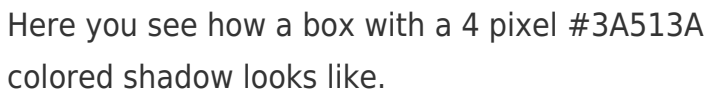
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A513A }
```

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

```
.border{ border-color:#3A513A }
```

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



Here you see how a box with a 4 pixel #3A513A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A513A; -webkit-box-shadow:4px 4px  
4px 4px #3A513A; box-shadow:4px 4px 4px  
4px #3A513A }
```

Background

The CSS property to change the background color of an element to Hex 3A513A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A513A }
```

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

```
.background{ background-color:#3A513A }
```

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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