

Converting Colors

Hex(3A4A3A)

Have a look what the booklet for
Hex(3A4A3A) contains.

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Color

Hex(3A4A3A)

Conversions

Conversions Part 1

Format	Color
Hex	3A4A3A
RGB	58, 74, 58
RGB Percent	23%, 29%, 23%
CMY	0.7725, 0.7098, 0.7725
CMYK	0.22, 0.00, 0.22, 0.71
HSL	120°, 12%, 26%
HSV	120°, 22%, 29%
XYZ	4.9574, 6.1026, 4.9196
YIQ	67.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

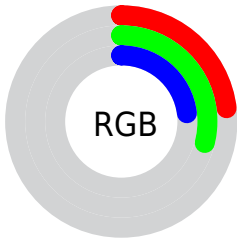
Format	Color
RYB	58, 74, 74
Decimal	3820090
CIELab	29.67, -10.04, 7.51
CIElCh	30, 12.535, 143.211
Yxy	6.1026, 0.3102, 0.3819
Android (android.graphics.Color)	4282010170 (0xFF3A4A3A)
YUV	67.3920, -4.6303, -8.2368
Hunter-Lab	24.7034, -7.4100, 5.4849

Details

The Hex color **3A4A3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3A4A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **697B69**, and **101E10** is the 20% darker color. If you saturate the color by 10%, you get **334A33**, and if you desaturate by 10%, it is **414A41**.

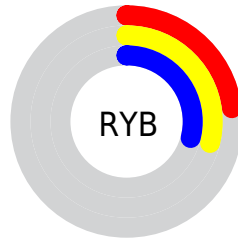
Distribution



Red (23%)

Green (29%)

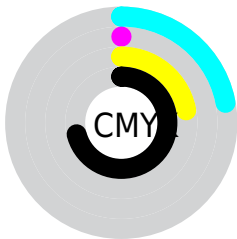
Blue (23%)



Red (23%)

Yellow (29%)

Blue (29%)

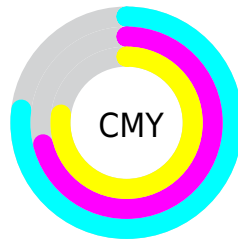


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4A3A 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 3A4A3A by changing the saturation by 10% instead.

■ 3A4A3A

■ 3A4A3A

FFFFFF

■ 243324

■ 697B69

■ 101E10

■ 839582

■ 000000

■ 9DAF9C

■ B8CBB7

■ D3E7D3

■ F0FFE7

■ 3A4A3A

■ 3A4A3A

■ 334A33

■ 414A41

■ 2B4A2B

■ 494A49

■ 244A24

■ 504A50

■ 1C4A1C

■ 584A58

■ 154A15

■ 5F4A5F

■ 0E4A0E

■ 664A66

■ 064A06

■ 6E4A6E

■ 004A00

■ 754A75

■ 7D4A7D

Harmonies

Analogous

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



454834



3A4A3A



304B43

Triad

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



3A4A3A



374759



5A3F3F

Complementary

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



3A4A3A



4A3A4A

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.



583F48



3A4A3A



454458

Square

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



3A4A3A



2D4A55



504152



574137

Rectangle

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



3A4A3A



2B4B4A



504152



5A3F42

Sweetspot

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



3A4A3A



5B615B



4A4A3A



2D302D



B0B0B0



303030

Same Dimension

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



3A4A3A



486148



3A4A42



222622



006600



00E600

Inverse Universe

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



4A3A4A



614861



4A3A42



262226



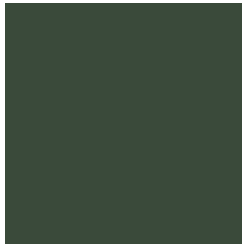
660066



E600E6

Previews

White Background



This preview shows how the Hex color 3A4A3A looks on a white background.

Color Contrast Check

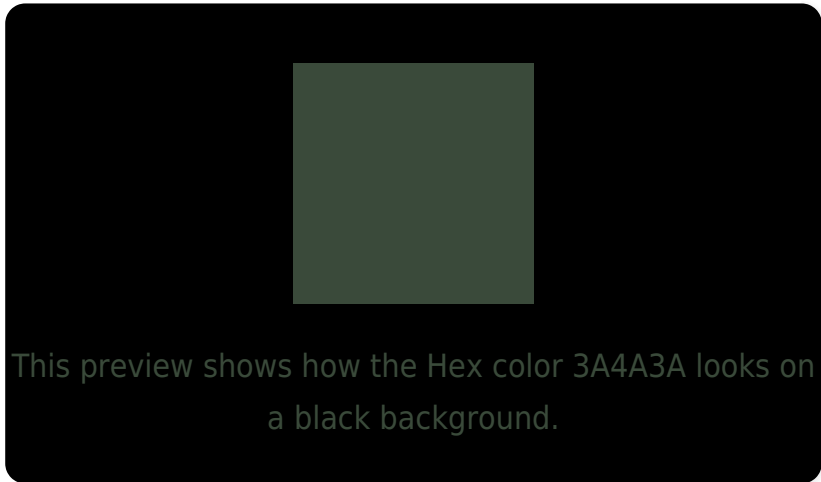
Large Text (above 18pt) WCAG AA ✓ Pass

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

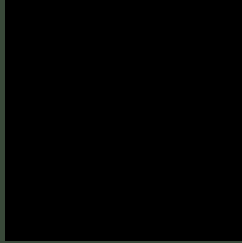
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

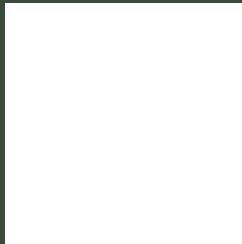
Any Text WCAG AAA × Fail

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

Hex 3A4A3A Background



This preview shows how black text looks on a background with the Hex color 3A4A3A.

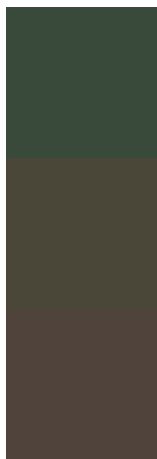


This preview shows how white text looks on a background with the Hex color 3A4A3A.

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

3A4A3A

Protanopia

4A638

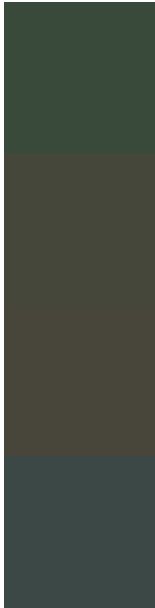
Deuteranopia

50433B



Tritanopia
3D474D

Trichromacy



Original Color

3A4A3A

Protanomaly

444739

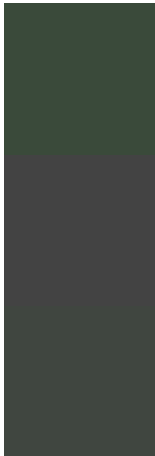
Deuteranomaly

48463B

Tritanomaly

3C4846

Monochromacy



Original Color

3A4A3A

Achromatopsia

434343

Achromatomaly

404640

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4A3A 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 #3A4A3A looks like.

```
.text, #text, p{  
    color:#3A4A3A  
}
```

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 #3A4A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4A3A
}
```

Border

The CSS property to change the border of an element to Hex 3A4A3A 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
#3A4A3A }
```

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

```
.border{ border-color:#3A4A3A }
```

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

Here you see how a box with a 4 pixel #3A4A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4A3A; -webkit-box-shadow:4px 4px  
4px 4px #3A4A3A; box-shadow:4px 4px 4px  
4px #3A4A3A }
```

Background

The CSS property to change the background color of an element to Hex 3A4A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4A3A }
```

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

```
.background{ background-color:#3A4A3A }
```

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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