

Converting Colors

Hex(3A4C30)

Have a look what the booklet for
Hex(3A4C30) contains.

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Color

Hex(3A4C30)

Conversions

Conversions Part 1

Format	Color
Hex	3A4C30
RGB	58, 76, 48
RGB Percent	23%, 30%, 19%
CMY	0.7725, 0.7020, 0.8118
CMYK	0.24, 0.00, 0.37, 0.70
HSL	99°, 23%, 24%
HSV	99°, 37%, 30%
XYZ	4.8629, 6.2818, 3.7525
YIQ	67.4260, -1.7400, -12.5240

Conversions

Conversions Part 2

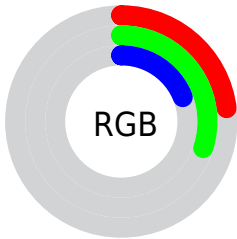
Format	Color
RYB	48, 76, 66
Decimal	3820592
CIELab	30.11, -13.14, 14.42
CIELCh	30, 19.510, 132.349
Yxy	6.2818, 0.3264, 0.4217
Android (android.graphics.Color)	4282010672 (0xFF3A4C30)
YUV	67.4260, -9.5770, -8.2666
Hunter-Lab	25.0636, -9.2284, 8.6676

Details

The Hex color **3A4C30** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42304C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6A7D5E**, and **112001** is the 20% darker color. If you saturate the color by 10%, you get **354C28**, and if you desaturate by 10%, it is **3F4C38**.

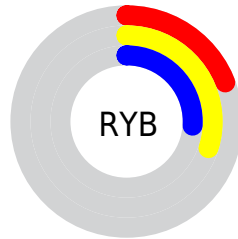
Distribution



Red (23%)

Green (30%)

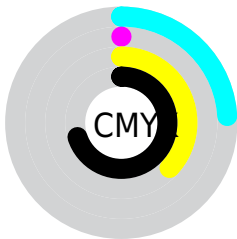
Blue (19%)



Red (19%)

Yellow (30%)

Blue (26%)

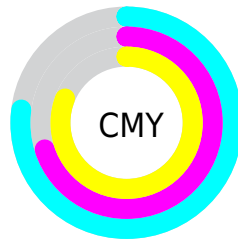


Cyan (24%)

Magenta (0%)

Yellow (37%)

Black (70%)



Cyan (77%)

Magenta (70%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4C30 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 3A4C30 by changing the saturation by 10% instead.



3A4C30



3A4C30

FFFFFF



24351B



6A7D5E



112001



839777



000100



9DB291



000000



B8CDAB



D4E9C7



F0FFE3



3A4C30



3A4C30



354C28



3F4C38

■ 304C21

■ 444C3F

■ 2B4C19

■ 494C47

■ 264C12

■ 4E4C4E

■ 224C0A

■ 524C56

■ 1D4C02

■ 574C5E

■ 1B4C00

■ 5C4C65

■ 614C6D

■ 664C74

Harmonies

Analogous

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



4B4829



3A4C30



274E3D

Triad

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



3A4C30



224B63



653B41

Complementary

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



3A4C30



42304C

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.



5F3C50



3A4C30



3B4664

Square

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



3A4C30



0C4E5B



51415D



623E33

Rectangle

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



3A4C30



1A4F48



51415D



643B46

Sweetspot

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



3A4C30



5C6359



4C4230



2F332C



B3B3B3



333333

Same Dimension

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



3A4C30



476338



304C34



242622



246600



52E600

Inverse Universe

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



42304C



543863



4C3048



252226



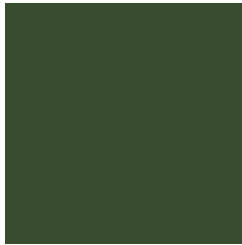
420066



9400E6

Previews

White Background



This preview shows how the Hex color 3A4C30 looks on a white background.

Color Contrast Check

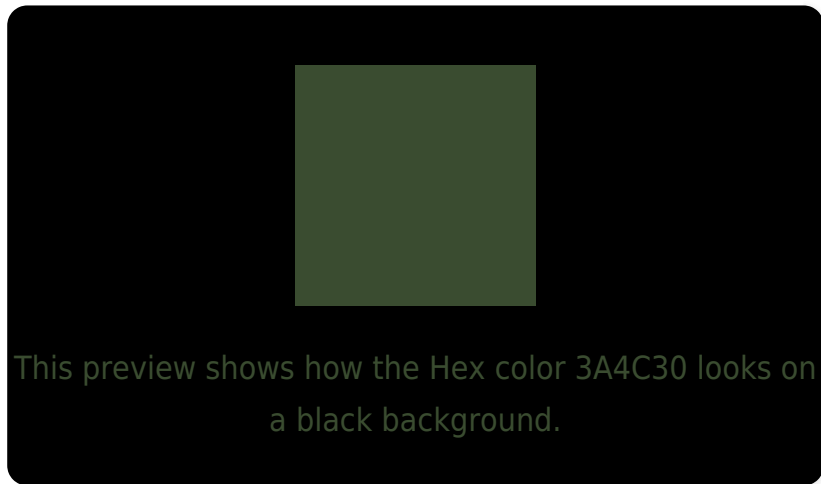
Large Text (above 18pt) WCAG AA ✓ Pass

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

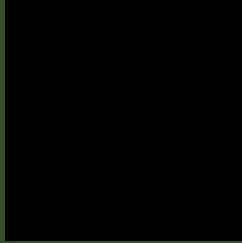
Any Text WCAG AA × Fail

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 3A4C30 Background



This preview shows how black text looks on a background with the Hex color 3A4C30.



This preview shows how white text looks on a background with the Hex color 3A4C30.

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](#).

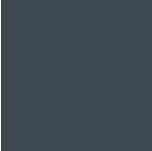
Dichromacy



Original Color
3A4C30

Protanopia
4D472E

Deuteranopia
544432



Tritanopia
3F484E

Trichromacy



Original Color

3A4C30

Protanomaly

46492F

Deuteranomaly

4B4731

Tritanomaly

3D4943

Monochromacy



Original Color

3A4C30

Achromatopsia

434343

Achromatomaly

40463C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4C30 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 #3A4C30 looks like.

```
.text, #text, p{  
    color:#3A4C30  
}
```

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 #3A4C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4C30
}
```

Border

The CSS property to change the border of an element to Hex 3A4C30 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
#3A4C30 }
```

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

```
.border{ border-color:#3A4C30 }
```

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

Here you see how a box with a 4 pixel #3A4C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4C30; -webkit-box-shadow:4px 4px  
4px 4px #3A4C30; box-shadow:4px 4px 4px  
4px #3A4C30 }
```

Background

The CSS property to change the background color of an element to Hex 3A4C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4C30 }
```

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

```
.background{ background-color:#3A4C30 }
```

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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