

Converting Colors

Hex(3A4730)

Have a look what the booklet for
Hex(3A4730) contains.

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Color

Hex(3A4730)

Conversions

Conversions Part 1

Format	Color
Hex	3A4730
RGB	58, 71, 48
RGB Percent	23%, 28%, 19%
CMY	0.7725, 0.7216, 0.8118
CMYK	0.18, 0.00, 0.32, 0.72
HSL	94°, 19%, 23%
HSV	94°, 32%, 28%
XYZ	4.5317, 5.6194, 3.6421
YIQ	64.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

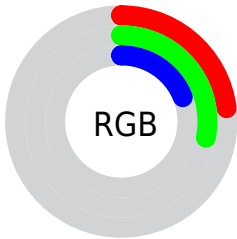
Format	Color
RYB	48, 71, 61
Decimal	3819312
CIELab	28.43, -10.21, 12.16
CIELCh	28, 15.881, 130.004
Yxy	5.6194, 0.3285, 0.4074
Android (android.graphics.Color)	4282009392 (0xFF3A4730)
YUV	64.4910, -8.1301, -5.6926
Hunter-Lab	23.7053, -7.3611, 7.4843

Details

The Hex color **3A4730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3047**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **69775E**, and **111C01** is the 20% darker color. If you saturate the color by 10%, you get **364729**, and if you desaturate by 10%, it is **3E4737**.

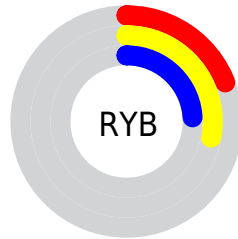
Distribution



Red (23%)

Green (28%)

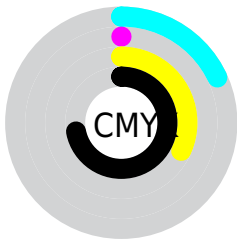
Blue (19%)



Red (19%)

Yellow (28%)

Blue (24%)

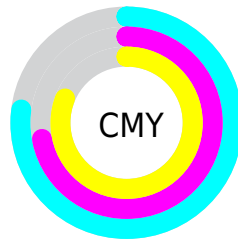


Cyan (18%)

Magenta (0%)

Yellow (32%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4730 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 3A4730 by changing the saturation by 10% instead.

■ 3A4730

■ 3A4730

FFFFFF

■ 24311B

■ 69775E

■ 111C01

■ 839177

■ 000000

■ 9DAC91

■ B8C7AB

■ D4E3C7

■ F0FFE3

■ 3A4730

■ 3A4730

■ 364729

■ 3E4737

■ 324722

■ 42473E

■ 2E471B

■ 464745

■ 2A4714

■ 4A474C

■ 26470D

■ 4E4754

■ 224705

■ 52475B

■ 1F4700

■ 564762

■ 5A4769

■ 5E4770

Harmonies

Analogous

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



48442B



3A4730



2C493A

Triad

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



3A4730



27475A



5B3A3F

Complementary

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



3A4730



3D3047

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.



563B4C



3A4730



39435B

Square

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



3A4730



1C4952



4A3E56



5A3C34

Rectangle

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



3A4730



234A43



4A3E56



5A3A44

Sweetspot

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



3A4730



575C53



473D30



2B2E28



ADADAD



2E2E2E

Same Dimension

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



3A4730



485C38



304731



222420



2B6300



63E300

Inverse Universe

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



3D3047



4C385C



473046



222024



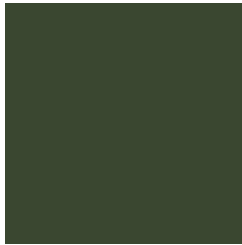
380063



8000E3

Previews

White Background



This preview shows how the Hex color 3A4730 looks on a white background.

Color Contrast Check

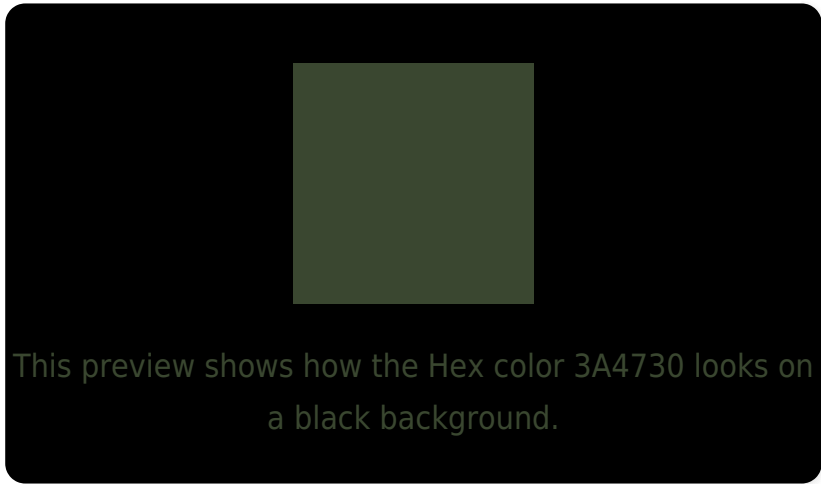
Large Text (above 18pt) WCAG AA ✓ Pass

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

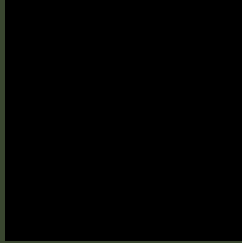
Any Text WCAG AA × Fail

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 3A4730 Background



This preview shows how black text looks on a background with the Hex color 3A4730.



This preview shows how white text looks on a background with the Hex color 3A4730.

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](#).

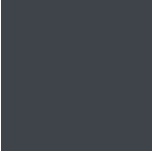
Dichromacy



Original Color
3A4730

Protanopia
48432E

Deuteranopia
4F4031



Tritanopia
3E4449

Trichromacy



Original Color
3A4730

Protanomaly
43442F

Deuteranomaly
474331

Tritanomaly
3D4540

Monochromacy



Original Color
3A4730

Achromatopsia
404040

Achromatomaly
3E433A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4730 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 #3A4730 looks like.

```
.text, #text, p{  
    color:#3A4730  
}
```

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 #3A4730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4730
}
```

Border

The CSS property to change the border of an element to Hex 3A4730 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".

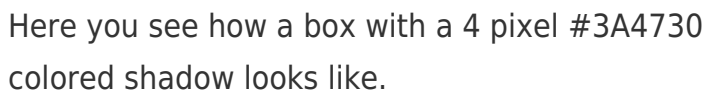
```
.border, #border, table{ border:4px solid
#3A4730 }
```

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

```
.border{ border-color:#3A4730 }
```

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

Here you see how a box with a 4 pixel #3A4730 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4730; -webkit-box-shadow:4px 4px  
4px 4px #3A4730; box-shadow:4px 4px 4px  
4px #3A4730 }
```

Background

The CSS property to change the background color of an element to Hex 3A4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4730 }
```

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

```
.background{ background-color:#3A4730 }
```

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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