

Converting Colors

Hex(3B4C30)

Have a look what the booklet for
Hex(3B4C30) contains.

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Color

Hex(3B4C30)

Conversions

Conversions Part 1

Format	Color
Hex	3B4C30
RGB	59, 76, 48
RGB Percent	23%, 30%, 19%
CMY	0.7686, 0.7020, 0.8118
CMYK	0.22, 0.00, 0.37, 0.70
HSL	96°, 23%, 24%
HSV	96°, 37%, 30%
XYZ	4.9216, 6.3121, 3.7553
YIQ	67.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

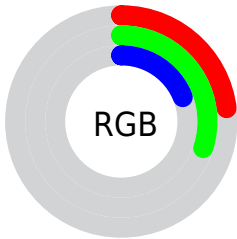
Format	Color
RYB	48, 76, 65
Decimal	3886128
CIELab	30.19, -12.72, 14.53
CIElCh	30, 19.310, 131.193
Yxy	6.3121, 0.3283, 0.4211
Android (android.graphics.Color)	4282076208 (0xFF3B4C30)
YUV	67.7250, -9.7244, -7.6518
Hunter-Lab	25.1239, -9.0000, 8.7246

Details

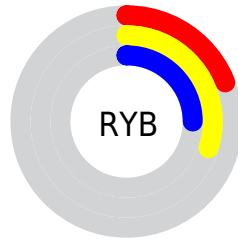
The Hex color **3B4C30** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **41304C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6B7D5E**, and **122001** is the 20% darker color. If you saturate the color by 10%, you get **364C28**, and if you desaturate by 10%, it is **404C38**.

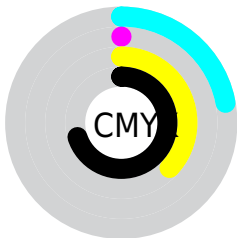
Distribution



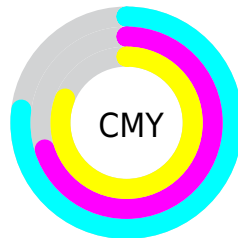
- Red (23%)
- Green (30%)
- Blue (19%)



- Red (19%)
- Yellow (30%)
- Blue (25%)



- Cyan (22%)
- Magenta (0%)
- Yellow (37%)
- Black (70%)



- Cyan (77%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4C30 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 3B4C30 by changing the saturation by 10% instead.

■ 3B4C30

■ 3B4C30

FFFFFF

■ 25351B

■ 6B7D5E

■ 122001

■ 849777

■ 000100

■ 9EB291

■ 000000

■ B9CDAB

■ D5E9C7

■ F2FFE3

■ 3B4C30

■ 3B4C30

■ 364C28

■ 404C38

■ 324C21

■ 444C3F

■ 2D4C19

■ 494C47

■ 294C12

■ 4D4C4E

■ 244C0A

■ 524C56

■ 1F4C02

■ 574C5E

■ 1E4C00

■ 5B4C65

■ 604C6D

■ 654C74

Harmonies

Analogous

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



4C4829



3B4C30



294E3D

Triad

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



3B4C30



224B63



643C42

Complementary

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



3B4C30



41304C

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.



5E3D51



3B4C30



3B4764

Square

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



3B4C30



0E4E5A



50415E



623E34

Rectangle

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



3B4C30



1C4F47



50415E



633C47

Sweetspot

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



3B4C30



5D6359



4C4130



2F332C



B3B3B3



333333

Same Dimension

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



3B4C30



496338



304C33



242622



286600



5AE600

Inverse Universe

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



41304C



523863



4C3049



252226



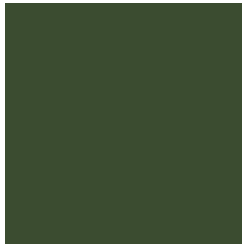
3E0066



8B00E6

Previews

White Background



This preview shows how the Hex color 3B4C30 looks on a white background.

Color Contrast Check

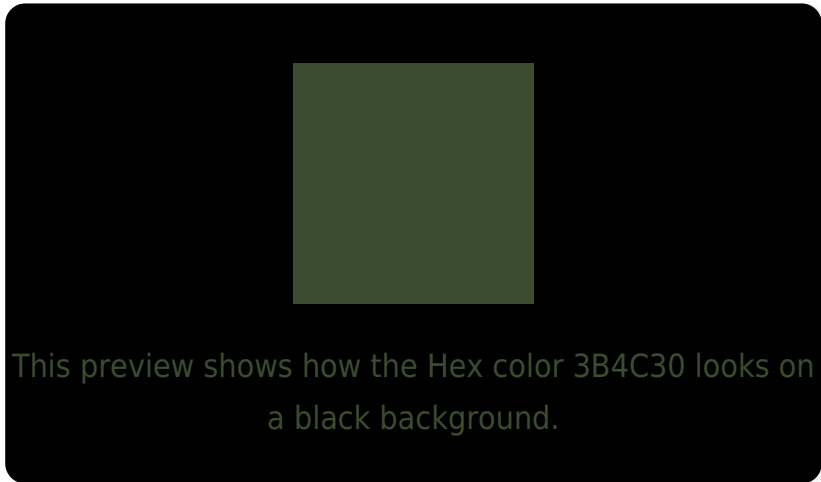
Large Text (above 18pt) WCAG AA ✓ Pass

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

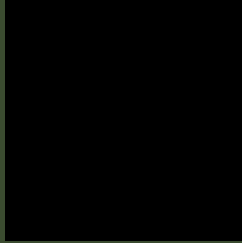
Any Text WCAG AA × Fail

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 3B4C30 Background



This preview shows how black text looks on a background with the Hex color 3B4C30.



This preview shows how white text looks on a background with the Hex color 3B4C30.

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
3B4C30

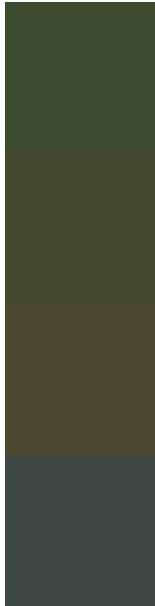
Protanopia
4D472E

Deuteranopia
544432



Tritanopia
40484E

Trichromacy



Original Color
3B4C30

Protanomaly
46492F

Deuteranomaly
4B4731

Tritanomaly
3E4943

Monochromacy



Original Color
3B4C30

Achromatopsia
444444

Achromatomaly
41473D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4C30 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 #3B4C30 looks like.

```
.text, #text, p{  
    color:#3B4C30  
}
```

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 #3B4C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4C30
}
```

Border

The CSS property to change the border of an element to Hex 3B4C30 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
#3B4C30 }
```

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

```
.border{ border-color:#3B4C30 }
```

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

Here you see how a box with a 4 pixel #3B4C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4C30; -webkit-box-shadow:4px 4px  
4px 4px #3B4C30; box-shadow:4px 4px 4px  
4px #3B4C30 }
```

Background

The CSS property to change the background color of an element to Hex 3B4C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4C30 }
```

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

```
.background{ background-color:#3B4C30 }
```

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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