

Converting Colors

Hex(3B4B00)

Have a look what the booklet for
Hex(3B4B00) contains.

Hex(3B4B00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B4B00)

Conversions

Conversions Part 1

Format	Color
Hex	3B4B00
RGB	59, 75, 0
RGB Percent	23%, 29%, 0%
CMY	0.7686, 0.7059, 1.0000
CMYK	0.21, 0.00, 1.00, 0.71
HSL	73°, 100%, 15%
HSV	73°, 100%, 29%
XYZ	4.3197, 5.9620, 0.9231
YIQ	61.6660, 14.5390, -26.7170

Conversions

Conversions Part 2

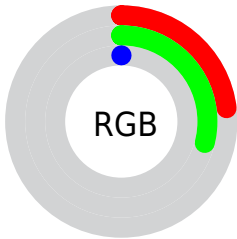
Format	Color
RYB	0, 75, 16
Decimal	3885824
CIELab	29.32, -16.90, 37.34
CIELCh	29, 40.986, 114.345
Yxy	5.9620, 0.3855, 0.5321
Android (android.graphics.Color)	4282075904 (0xFF3B4B00)
YUV	61.6660, -30.4013, -2.3381
Hunter-Lab	24.4171, -11.1510, 14.8505

Details

The Hex color **3B4B00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10004B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6D7C33**, and **081F00** is the 20% darker color. If you saturate the color by 10%, you get **3B4B00**, and if you desaturate by 10%, it is **3D4B07**.

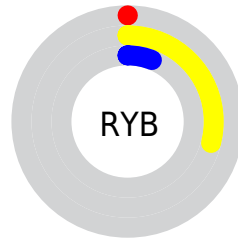
Distribution



Red (23%)

Green (29%)

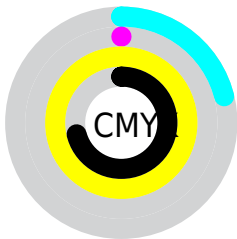
Blue (0%)



Red (0%)

Yellow (29%)

Blue (6%)

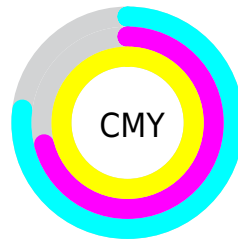


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4B00 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 3B4B00 by changing the saturation by 10% instead.

 3B4B00

 3B4B00

 FFFFEC

 243400

 6D7C33

 081F00

 87964B

 000000

 A2B064

 BECC7E

 DAE898

 F7FFB3

 FFFFCE

 3B4B00

 3D4B07

 3E4B0F

 404B17

 414B1E

 434B26

 454B2D

 464B35

 484B3C

 494B44

Harmonies

Analogous

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



594200



3B4B00



08511D

Triad

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



3B4B00



005178



7A244C

Complementary

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



3B4B00



10004B

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.



65306B



3B4B00



004B85

Square

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



3B4B00



00545E



383F7F



7C272D

Rectangle

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



3B4B00



005333



383F7F



752757

Sweetspot

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



3B4B00



5B6144



4B0F00



2D301F



B0B0B0



303030

Same Dimension

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



3B4B00



4C6100



174B00



252622



506600



B5E600

Inverse Universe

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



10004B



150061



35004B



232226



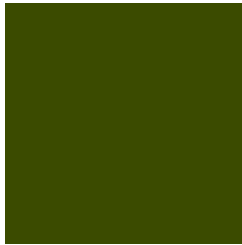
160066



3100E6

Previews

White Background



This preview shows how the Hex color 3B4B00 looks on a white background.

Color Contrast Check

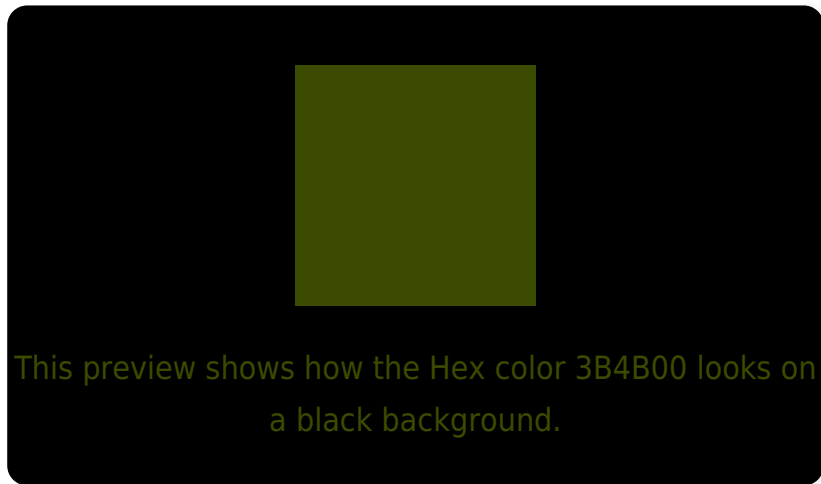
Large Text (above 18pt) WCAG AA ✓ Pass

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

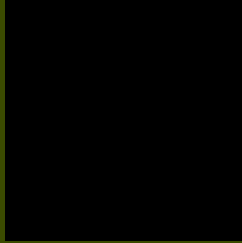
Any Text WCAG AA × Fail

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 3B4B00 Background



This preview shows how black text looks on a background with the Hex color 3B4B00.



This preview shows how white text looks on a background with the Hex color 3B4B00.

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
3B4B00

Protanopia
4E4500

Deuteranopia
57420E



Tritanopia
41464B

Trichromacy



Original Color
3B4B00

Protanomaly
474700

Deuteranomaly
4D4509

Tritanomaly
3F4830

Monochromacy



Original Color
3B4B00

Achromatopsia
3E3E3E

Achromatomaly
3D4327

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4B00 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 #3B4B00 looks like.

```
.text, #text, p{  
    color:#3B4B00  
}
```

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 #3B4B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4B00  
}
```

Border

The CSS property to change the border of an element to Hex 3B4B00 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  
#3B4B00 }
```

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

```
.border{ border-color:#3B4B00 }
```

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

Here you see how a box with a 4 pixel #3B4B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4B00; -webkit-box-shadow:4px 4px  
4px 4px #3B4B00; box-shadow:4px 4px 4px  
4px #3B4B00 }
```

Background

The CSS property to change the background color of an element to Hex 3B4B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4B00 }
```

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

```
.background{ background-color:#3B4B00 }
```

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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