

Converting Colors

Hex(3B4000)

Have a look what the booklet for
Hex(3B4000) contains.

Hex(3B4000)	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(3B4000)

Conversions

Conversions Part 1

Format	Color
Hex	3B4000
RGB	59, 64, 0
RGB Percent	23%, 25%, 0%
CMY	0.7686, 0.7490, 1.0000
CMYK	0.08, 0.00, 1.00, 0.75
HSL	65°, 100%, 13%
HSV	65°, 100%, 25%
XYZ	3.6370, 4.5966, 0.6955
YIQ	55.2090, 17.5640, -20.9640

Conversions

Conversions Part 2

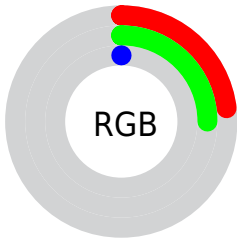
Format	Color
RYB	0, 64, 5
Decimal	3883008
CIELab	25.55, -10.62, 34.11
CIELCh	26, 35.723, 107.293
Yxy	4.5966, 0.4073, 0.5148
Android (android.graphics.Color)	4282073088 (0xFF3B4000)
YUV	55.2090, -27.2180, 3.3247
Hunter-Lab	21.4397, -7.2387, 13.0843

Details

The Hex color **3B4000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **050040**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6D7031**, and **041700** is the 20% darker color. If you saturate the color by 10%, you get **3B4000**, and if you desaturate by 10%, it is **3C4006**.

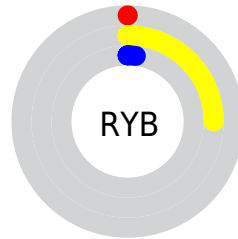
Distribution



Red (23%)

Green (25%)

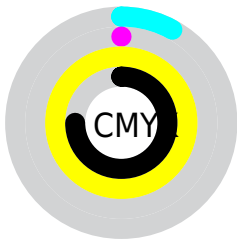
Blue (0%)



Red (0%)

Yellow (25%)

Blue (2%)

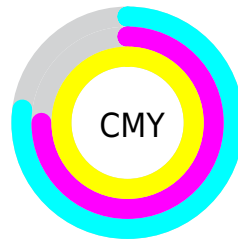


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (77%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4000 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 3B4000 by changing the saturation by 10% instead.

 3B4000

 3B4000

 FFFFE8

 242A00

 6D7031

 041700

 878948

 000000

 A2A361

 BDBE7A

 DADA95

 F7F6B0

 FFFFCB

 3B4000

■ 3C4006

■ 3C400D

■ 3D4013

■ 3D401A

■ 3E4020

■ 3E4026

■ 3F402D

■ 3F4033

■ 40403A

Harmonies

Analogous

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



533701



3B4000



1A4615

Triad

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



3B4000



004864



672349

Complementary

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



3B4000



050040

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.



512E62



3B4000



004371

Square

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



3B4000



00494C



243A71



6D222E

Rectangle

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



3B4000



004826



243A71



622652

Sweetspot

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



3B4000



52543B



400400



2A2B1C



ABABAB



2B2B2B

Same Dimension

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



3B4000



4E5400



1C4000



21211E



596100



CFE000

Inverse Universe

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



050040



070054



240040



1E1E21



080061



1200E0

Previews

White Background



This preview shows how the Hex color 3B4000 looks on a white background.

Color Contrast Check

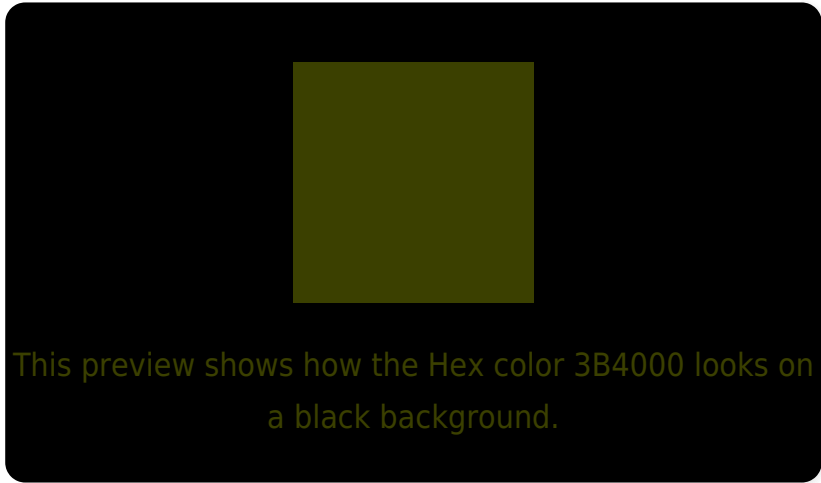
Large Text (above 18pt) WCAG AA ✓ Pass

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

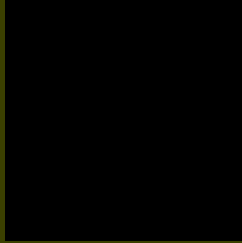
Any Text WCAG AA × Fail

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 3B4000 Background



This preview shows how black text looks on a background with the Hex color 3B4000.



This preview shows how white text looks on a background with the Hex color 3B4000.

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
3B4000

Protanopia
453D00

Deuteranopia
4D3A0A



Tritanopia
403B40

Trichromacy



Original Color
3B4000

Protanomaly
413E00

Deuteranomaly
463C06

Tritanomaly
3E3D29

Monochromacy



Original Color
3B4000

Achromatopsia
373737

Achromatomaly
383A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4000 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 #3B4000 looks like.

```
.text, #text, p{  
    color:#3B4000  
}
```

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 #3B4000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4000
}
```

Border

The CSS property to change the border of an element to Hex 3B4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

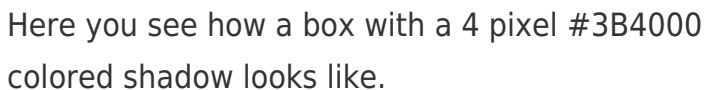
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4000 }
```

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

```
.border{ border-color:#3B4000 }
```

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



Here you see how a box with a 4 pixel #3B4000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4000; -webkit-box-shadow:4px 4px  
4px 4px #3B4000; box-shadow:4px 4px 4px  
4px #3B4000 }
```

Background

The CSS property to change the background color of an element to Hex 3B4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4000 }
```

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

```
.background{ background-color:#3B4000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor