

Converting Colors

Hex(3B5C06)

Have a look what the booklet for
Hex(3B5C06) contains.

Hex(3B5C06)	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(3B5C06)

Conversions

Conversions Part 1

Format	Color
Hex	3B5C06
RGB	59, 92, 6
RGB Percent	23%, 36%, 2%
CMY	0.7686, 0.6392, 0.9765
CMYK	0.36, 0.00, 0.93, 0.64
HSL	83°, 88%, 19%
HSV	83°, 93%, 36%
XYZ	5.6637, 8.5972, 1.5332
YIQ	72.3290, 7.9380, -33.7420

Conversions

Conversions Part 2

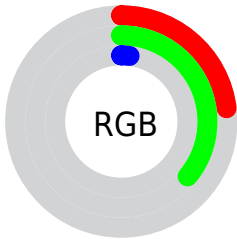
Format	Color
R _Y B	6, 92, 39
Decimal	3890182
CIE Lab	35.20, -25.38, 39.97
CIE LCh	35, 47.352, 122.414
Yxy	8.5972, 0.3586, 0.5443
Android (android.graphics.Color)	4282080262 (0xFF3B5C06)
YUV	72.3290, -32.7002, -11.6895
Hunter-Lab	29.3211, -16.8328, 17.4244

Details

The Hex color **3B5C06** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **27065C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6E8E3B**, and **072E00** is the 20% darker color. If you saturate the color by 10%, you get **395C00**, and if you desaturate by 10%, it is **3F5C0F**.

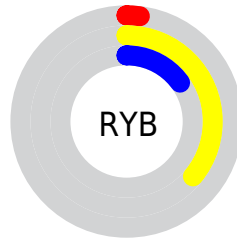
Distribution



Red (23%)

Green (36%)

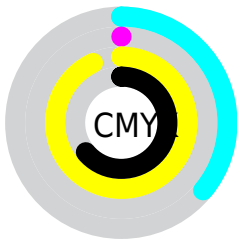
Blue (2%)



Red (2%)

Yellow (36%)

Blue (15%)

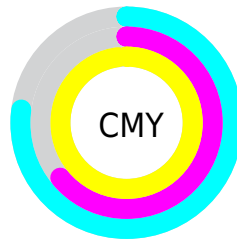


Cyan (36%)

Magenta (0%)

Yellow (93%)

Black (64%)



Cyan (77%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5C06 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 3B5C06 by changing the saturation by 10% instead.

 3B5C06

 3B5C06

 FFFFF7

 234400

 6E8E3B

 072E00

 88A954

 001B00

 A3C46D

 000000

 BFE087

 DCFDA2

 F9FFBE

 FFFFDA

 3B5C06

 3B5C06

■ 395C00

■ 3F5C0F

■ 425C18

■ 465C22

■ 495C2B

■ 4D5C34

■ 505C3D

■ 545C46

■ 575C50

■ 5B5C59

Harmonies

Analogous

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



625200



3B5C06



00622E

Triad

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



3B5C06



006096



952A51

Complementary

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



3B5C06



27065C

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.



823576



3B5C06



00569F

Square

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



3B5C06



00637A



554793



92322D

Rectangle

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



3B5C06



006348



554793



912C5E

Sweetspot

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



3B5C06



6B7856



5C2706



353D28



BDBDBD



3D3D3D

Same Dimension

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



3B5C06



4A7800



105C06



2C2E29



446E00



92ED00

Inverse Universe

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



27065C



2E0078



52065C



2B292E



2A006E



5B00ED

Previews

White Background



This preview shows how the Hex color 3B5C06 looks on a white background.

Color Contrast Check

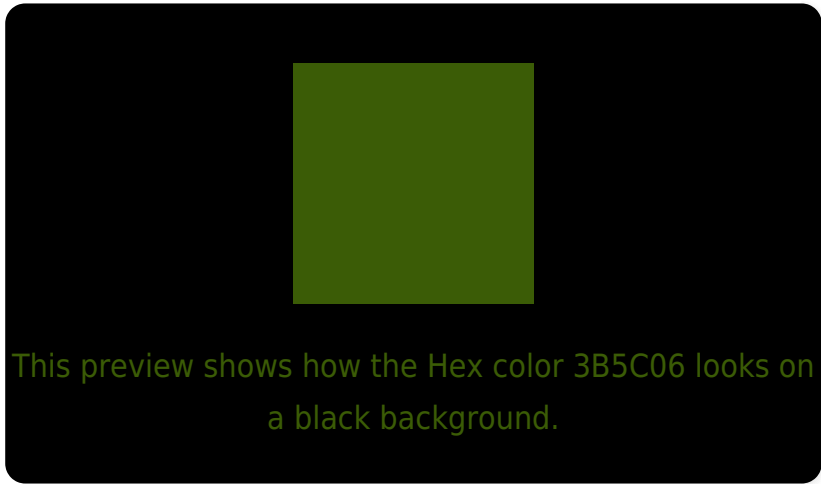
Large Text (above 18pt) WCAG AA ✓ Pass

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

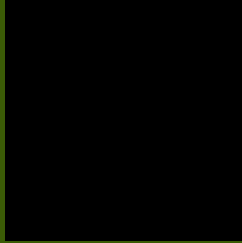
Any Text WCAG AA × Fail

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 3B5C06 Background



This preview shows how black text looks on a background with the Hex color 3B5C06.



This preview shows how white text looks on a background with the Hex color 3B5C06.

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](#).

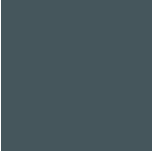
Dichromacy



Original Color
3B5C06

Protanopia
5D5300

Deuteranopia
684E13



Tritanopia
45565C

Trichromacy



Original Color
3B5C06

Protanomaly
515602

Deuteranomaly
58530E

Tritanomaly
41583D

Monochromacy



Original Color
3B5C06

Achromatopsia
484848

Achromatomaly
434F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5C06 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 #3B5C06 looks like.

```
.text, #text, p{  
    color:#3B5C06  
}
```

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 #3B5C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5C06
}
```

Border

The CSS property to change the border of an element to Hex 3B5C06 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
#3B5C06 }
```

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

```
.border{ border-color:#3B5C06 }
```

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

Here you see how a box with a 4 pixel #3B5C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5C06; -webkit-box-shadow:4px 4px  
4px 4px #3B5C06; box-shadow:4px 4px 4px  
4px #3B5C06 }
```

Background

The CSS property to change the background color of an element to Hex 3B5C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5C06 }
```

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

```
.background{ background-color:#3B5C06 }
```

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