

Converting Colors

Hex(3B8B45)

Have a look what the booklet for
Hex(3B8B45) contains.

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Color

Hex(3B8B45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3B8B45 |
| RGB | 59, 139, 69 |
| RGB Percent | 23%, 55%, 27% |
| CMY | 0.7686, 0.4549, 0.7294 |
| CMYK | 0.58, 0.00, 0.50, 0.45 |
| HSL | 128°, 40%, 39% |
| HSV | 128°, 58%, 55% |
| XYZ | 12.1104, 19.8247, 8.8185 |
| YIQ | 107.1000, -25.2100, -38.7300 |

Conversions

Conversions Part 2

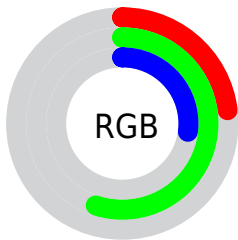
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 59, 130, 139 |
| Decimal | 3902277 |
| CIELab | 51.64, -39.95, 30.09 |
| CIELCh | 52, 50.008, 143.013 |
| Yxy | 19.8247, 0.2972, 0.4865 |
| Android (android.graphics.Color) | 4282092357 (0xFF3B8B45) |
| YUV | 107.1000, -18.7833, -42.1837 |
| Hunter-Lab | 44.5250, -29.3681, 19.4247 |

Details

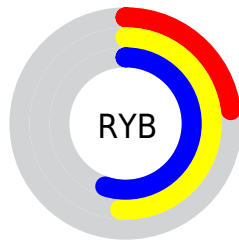
The Hex color **3B8B45** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B3B81**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **72C177**, and **005816** is the 20% darker color. If you saturate the color by 10%, you get **2D8B39**, and if you desaturate by 10%, it is **498B51**.

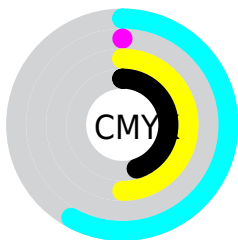
Distribution



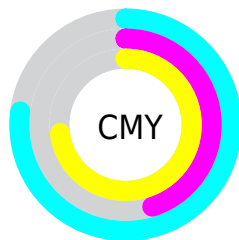
- Red (23%)
- Green (55%)
- Blue (27%)



- Red (23%)
- Yellow (51%)
- Blue (55%)



- Cyan (58%)
- Magenta (0%)
- Yellow (50%)
- Black (45%)



- Cyan (77%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8B45 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 3B8B45 by changing the saturation by 10% instead.



3B8B45



3B8B45

FFFFFF



1D712D



72C177



005816



8DDD91



004000



A9FAAC



002A00



C5FFC7



000B00



E2FFE3



000000



3B8B45



3B8B45



2D8B39



498B51



1F8B2D



578B5D


 118B21

 658B69

 038B14

 738B76

 008B11

 818B82

 8E8B8E

 9C8B9A

 AA8BA6

 B88BB2

Harmonies

Analogous

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



728325



3B8B45



008F6F

Triad

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



3B8B45



0083D0



C9565C

Complementary

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



3B8B45



8B3B81

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.



C35487



3B8B45



6A74CA

Square

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



3B8B45



008CBF



A562AF



B96537

Rectangle

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



3B8B45



00908D



A562AF



C9546A

Sweetspot

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



3B8B45



96B59A



828B3B



495C4C



DBDBDB



5C5C5C

Same Dimension

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



3B8B45



38B548



3B8B6C



3E453F



008511



000501

Inverse Universe

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



8B3B81



B538A5



8B3B5A



453E44



850074



050004

Previews

White Background



This preview shows how the Hex color 3B8B45 looks on a white background.

Color Contrast Check

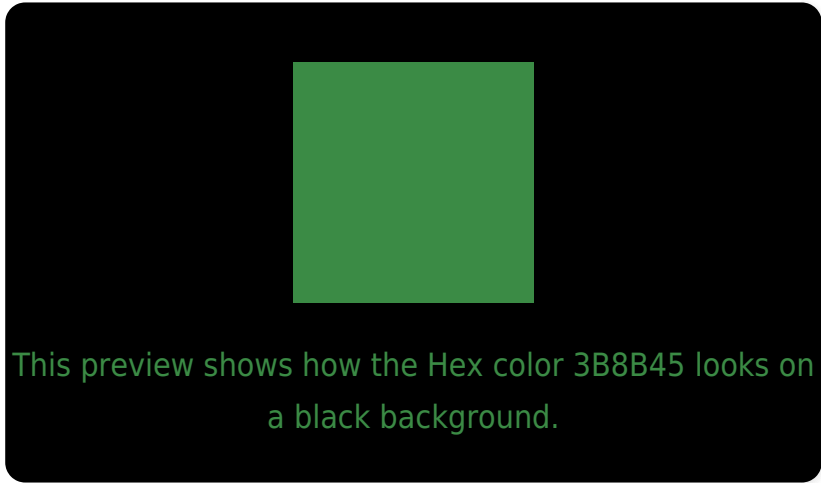
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3B8B45 Background



This preview shows how black text looks on a background with the Hex color 3B8B45.



This preview shows how white text looks on a background with the Hex color 3B8B45.

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
3B8B45

Protanopia
877A3F

Deuteranopia
94754B



Tritanopia
4D838E

Trichromacy



Original Color
3B8B45

Protanomaly
6B8041

Deuteranomaly
747D49

Tritanomaly
468673

Monochromacy



Original Color
3B8B45

Achromatopsia
6B6B6B

Achromatomaly
5A775D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8B45 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 #3B8B45 looks like.

```
.text, #text, p{  
    color:#3B8B45  
}
```

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 #3B8B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8B45
}
```

Border

The CSS property to change the border of an element to Hex 3B8B45 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
#3B8B45 }
```

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

```
.border{ border-color:#3B8B45 }
```

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

Here you see how a box with a 4 pixel #3B8B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8B45; -webkit-box-shadow:4px 4px  
4px 4px #3B8B45; box-shadow:4px 4px 4px  
4px #3B8B45 }
```

Background

The CSS property to change the background color of an element to Hex 3B8B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8B45 }
```

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

```
.background{ background-color:#3B8B45 }
```

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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