

Converting Colors

Hex(3B6B1B)

Have a look what the booklet for
Hex(3B6B1B) contains.

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Color

Hex(3B6B1B)

Conversions

Conversions Part 1

Format	Color
Hex	3B6B1B
RGB	59, 107, 27
RGB Percent	23%, 42%, 11%
CMY	0.7686, 0.5804, 0.8941
CMYK	0.45, 0.00, 0.75, 0.58
HSL	96°, 60%, 26%
HSV	96°, 75%, 42%
XYZ	7.2592, 11.5243, 2.8787
YIQ	83.5280, -2.9280, -35.0560

Conversions

Conversions Part 2

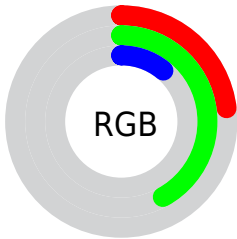
Format	Color
R_{YB}	27, 107, 75
Decimal	3894043
CIE _{Lab}	40.45, -31.18, 37.75
CIE _{LCh}	40, 48.959, 129.558
Yxy	11.5243, 0.3351, 0.5320
Android (android.graphics.Color)	4282084123 (0xFF3B6B1B)
YUV	83.5280, -27.8683, -21.5111
Hunter-Lab	33.9475, -21.2386, 18.7355

Details

The Hex color **3B6B1B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B1B6B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6F9F4C**, and **053B00** is the 20% darker color. If you saturate the color by 10%, you get **356B10**, and if you desaturate by 10%, it is **416B26**.

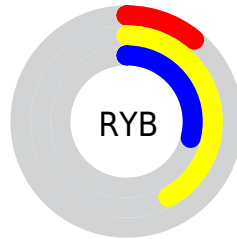
Distribution



 Red (23%)

 Green (42%)

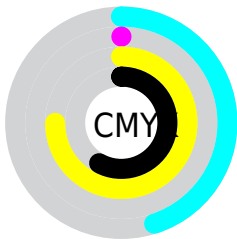
 Blue (11%)




 Red (11%)

 Yellow (42%)

 Blue (29%)

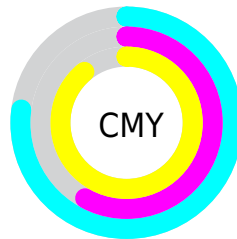


 Cyan (45%)

 Magenta (0%)

 Yellow (75%)

 Black (58%)



 Cyan (77%)

 Magenta (58%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6B1B 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 3B6B1B by changing the saturation by 10% instead.

 3B6B1B

 3B6B1B

FFFFFF

 215200

 6F9F4C

 053B00

 89BA65

 002600

 A4D67F

 000300

 C0F29A

 000000

 DDFFB5

 FAFFD1

 FFFFED

 3B6B1B

 3B6B1B

■ 356B10

■ 416B26

■ 2E6B06

■ 486B30

■ 2B6B00

■ 4E6B3B

■ 556B46

■ 5B6B51

■ 626B5B

■ 686B66

■ 6E6B71

■ 756B7B

Harmonies

Analogous

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



676200



3B6B1B



007042

Triad

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



3B6B1B



006BAA



A73654

Complementary

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



3B6B1B



4B1B6B

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.



993D7C



3B6B1B



1060AF

Square

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



3B6B1B



007192



714F9E



A0422E

Rectangle

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



3B6B1B



00725E



714F9E



A53662

Sweetspot

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



3B6B1B



7A8C6D



6B4B1B



3C4735



C7C7C7



474747

Same Dimension

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



3B6B1B



418C0E



1B6B23



323630



2F7500



62F500

Inverse Universe

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



4B1B6B



5A0E8C



6B1B63



333036



460075



9300F5

Previews

White Background



This preview shows how the Hex color 3B6B1B looks on a white background.

Color Contrast Check

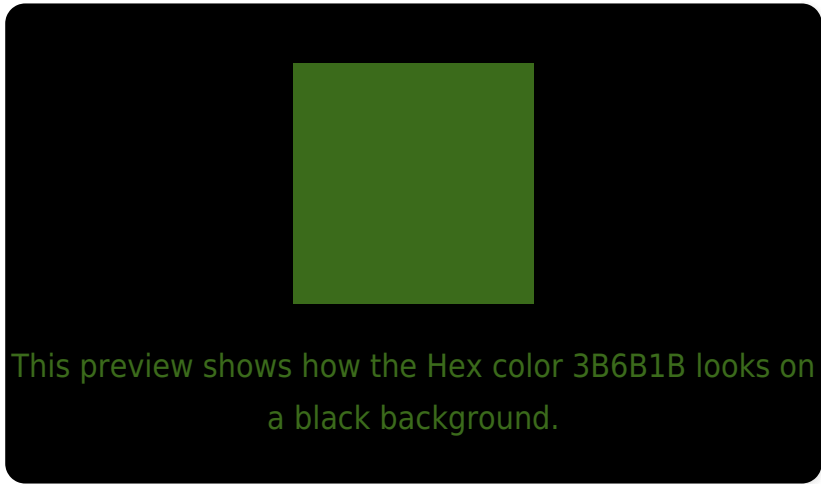
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 3B6B1B Background



This preview shows how black text looks on a background with the Hex color 3B6B1B.



This preview shows how white text looks on a background with the Hex color 3B6B1B.

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
3B6B1B

Protanopia
6B5F18

Deuteranopia
775A22



Tritanopia
48646C

Trichromacy



Original Color
3B6B1B

Protanomaly
5A6319

Deuteranomaly
61601F

Tritanomaly
43674F

Monochromacy



Original Color
3B6B1B

Achromatopsia
545454

Achromatomaly
4B5C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6B1B 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 #3B6B1B looks like.

```
.text, #text, p{  
    color:#3B6B1B  
}
```

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 #3B6B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6B1B
}
```

Border

The CSS property to change the border of an element to Hex 3B6B1B 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
#3B6B1B }
```

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

```
.border{ border-color:#3B6B1B }
```

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

Here you see how a box with a 4 pixel #3B6B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6B1B; -webkit-box-shadow:4px 4px  
4px 4px #3B6B1B; box-shadow:4px 4px 4px  
4px #3B6B1B }
```

Background

The CSS property to change the background color of an element to Hex 3B6B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6B1B }
```

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

```
.background{ background-color:#3B6B1B }
```

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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