

# Converting Colors

Hex(506B1B)

Have a look what the booklet for  
Hex(506B1B) contains.

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**Color**

**Hex(506B1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	506B1B
RGB	80, 107, 27
RGB Percent	31%, 42%, 11%
CMY	0.6863, 0.5804, 0.8941
CMYK	0.25, 0.00, 0.75, 0.58
HSL	80°, 60%, 26%
HSV	80°, 75%, 42%
XYZ	8.7638, 12.3000, 2.9491
YIQ	89.8070, 9.5880, -30.6040

# Conversions

## Conversions Part 2

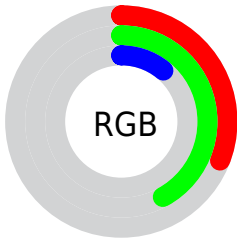
<b>Format</b>	<b>Color</b>
<b>RYB</b>	27, 107, 54
Decimal	5270299
CIELab	41.69, -22.77, 39.40
CIElCh	42, 45.509, 120.029
Yxy	12.3000, 0.3650, 0.5122
Android (android.graphics.Color)	4283460379 (0xFF506B1B)
YUV	89.8070, -30.9639, -8.6007
Hunter-Lab	35.0713, -16.7705, 19.5643

# Details

The Hex color **506B1B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **361B6B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **849F4C**, and **203B00** is the 20% darker color. If you saturate the color by 10%, you get **4C6B10**, and if you desaturate by 10%, it is **546B26**.

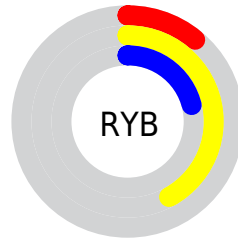
# Distribution



Red (31%)

Green (42%)

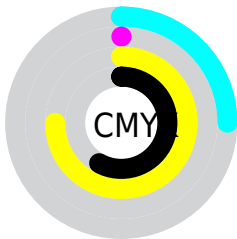
Blue (11%)



Red (11%)

Yellow (42%)

Blue (21%)

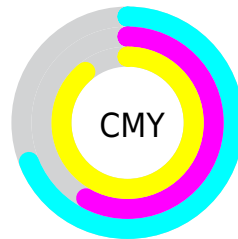


Cyan (25%)

Magenta (0%)

Yellow (75%)

Black (58%)



Cyan (69%)

Magenta (58%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506B1B 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 506B1B by changing the saturation by 10% instead.



 506B1B

 506B1B

FFFFFF

 375300

 849F4C

 203B00

 9FB966

 032600

 BAD57F

 000B00

 D7F29A

 000000

 F4FFB5

 FFFFD1

 FFFFEE

 506B1B

 506B1B

■ 4C6B10

■ 546B26

■ 496B06

■ 576B30

■ 476B00

■ 5B6B3B

■ 5E6B46

■ 626B51

■ 666B5B

■ 696B66

■ 6D6B71

■ 716B7B

# Harmonies

## Analogous

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



75610D



506B1B



12713B

# Triad

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



506B1B



0070A3



A43E64

# Complementary

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



506B1B



361B6B

# 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.



8F4888



506B1B



0067AD

# Square

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



506B1B



007487



6258A3



A4443F

# Rectangle

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



506B1B



007354



6258A3



A04070



# Sweetspot

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



506B1B



828C6D



6B361B



414735



C7C7C7



474747



# Same Dimension

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



506B1B



628C0E



286B1B



343630



4E7500



A2F500



# Inverse Universe

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



361B6B



390E8C



5E1B6B



323036



280075



5300F5



# Previews

## White Background



This preview shows how the Hex color 506B1B looks on a white background.

## Color Contrast Check

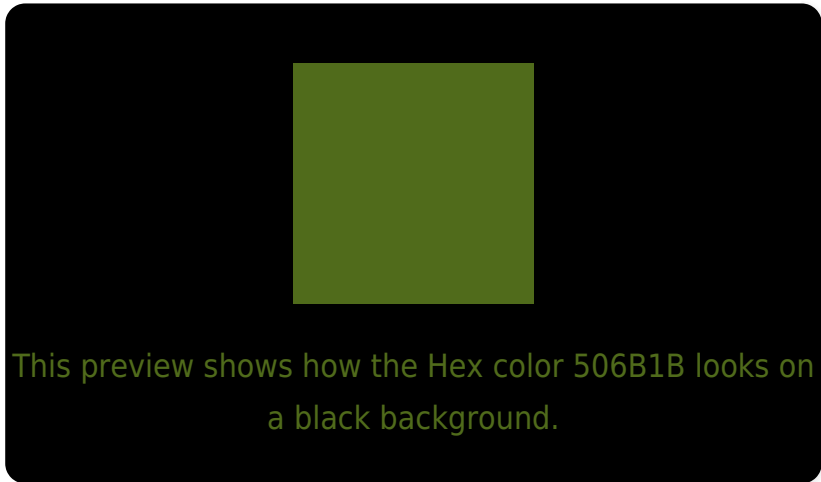
Large Text (above 18pt) WCAG AA ✓ Pass

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

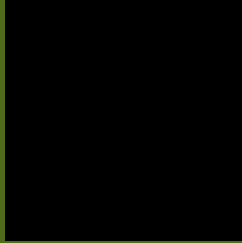
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 506B1B Background



This preview shows how black text looks on a background with the Hex color 506B1B.



This preview shows how white text looks on a background with the Hex color 506B1B.

# 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](#).

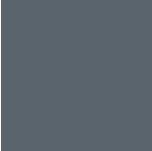
## Dichromacy



**Original Color**  
506B1B

**Protanopia**  
6E6219

**Deuteranopia**  
7B5D21



**Tritanopia**  
59646C

# Trichromacy



**Original Color**  
506B1B

**Protanomaly**  
63651A

**Deuteranomaly**  
6B621F

**Tritanomaly**  
56674F

# Monochromacy



**Original Color**  
506B1B

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
566043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506B1B 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 #506B1B looks like.

```
.text, #text, p{  
    color:#506B1B  
}
```

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 #506B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506B1B
}
```

## Border

The CSS property to change the border of an element to Hex 506B1B 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
#506B1B }
```

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

```
.border{ border-color:#506B1B }
```

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

Here you see how a box with a 4 pixel #506B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506B1B; -webkit-box-shadow:4px 4px  
4px 4px #506B1B; box-shadow:4px 4px 4px  
4px #506B1B }
```

# Background

The CSS property to change the background color of an element to Hex 506B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506B1B }
```

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

```
.background{ background-color:#506B1B }
```

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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