

# Converting Colors

Hex(4B691E)

Have a look what the booklet for  
Hex(4B691E) contains.

<b>Hex(4B691E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4B691E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B691E
RGB	75, 105, 30
RGB Percent	29%, 41%, 12%
CMY	0.7059, 0.5882, 0.8824
CMYK	0.29, 0.00, 0.71, 0.59
HSL	84°, 56%, 26%
HSV	84°, 71%, 41%
XYZ	8.1876, 11.6927, 3.0537
YIQ	87.4800, 6.1950, -29.6850

# Conversions

## Conversions Part 2

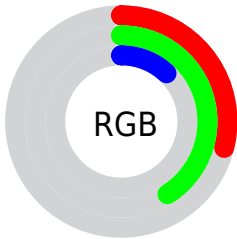
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 105, 60
Decimal	4942110
CIE <sub>Lab</sub>	40.72, -23.68, 37.03
CIE <sub>LCh</sub>	41, 43.956, 122.591
Yxy	11.6927, 0.3570, 0.5098
Android (android.graphics.Color)	4283132190 (0xFF4B691E)
YUV	87.4800, -28.3376, -10.9450
Hunter-Lab	34.1947, -17.1006, 18.6415

# Details

The Hex color **4B691E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C1E69**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E9C4F**, and **1C3900** is the 20% darker color. If you saturate the color by 10%, you get **476914**, and if you desaturate by 10%, it is **4F6929**.

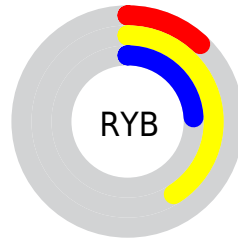
# Distribution



Red (29%)

Green (41%)

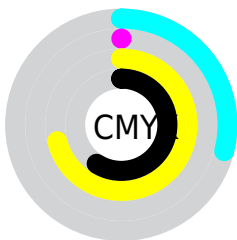
Blue (12%)



Red (12%)

Yellow (41%)

Blue (24%)

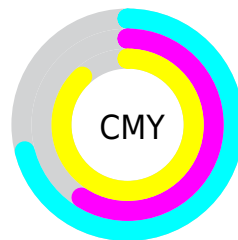


Cyan (29%)

Magenta (0%)

Yellow (71%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B691E 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 4B691E by changing the saturation by 10% instead.





4B691E



4B691E

FFFFFF



325103



7E9C4F



1C3900



99B768



002400



B4D382



000500



D1EF9C



000000



EDFFB7



FFFFD3



FFFFFF0



4B691E



4B691E

■ 476914

■ 4F6929

■ 436909

■ 536933

■ 3F6900

■ 58693E

■ 5C6948

■ 606953

■ 64695D

■ 686968

■ 6D6972

■ 71697D

# Harmonies

## Analogous

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



705F0F



4B691E



086F3D

# Triad

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



4B691E



006CA0



A03E5E

# Complementary

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



4B691E



3C1E69

# 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.



8E4682



4B691E



0063A8

# Square

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



4B691E



007186



65559D



9E443B

# Rectangle

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



4B691E



007156



65559D



9C3F6B



# Sweetspot

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



4B691E



7E8A6D



693C1E



3E4534



C4C4C4



454545



# Same Dimension

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



4B691E



5A8A13



26691E



333630



467500



93F500



# Inverse Universe

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



3C1E69



43138A



621E69



323036



2F0075



6200F5



# Previews

## White Background



This preview shows how the Hex color 4B691E looks on a white background.

## Color Contrast Check

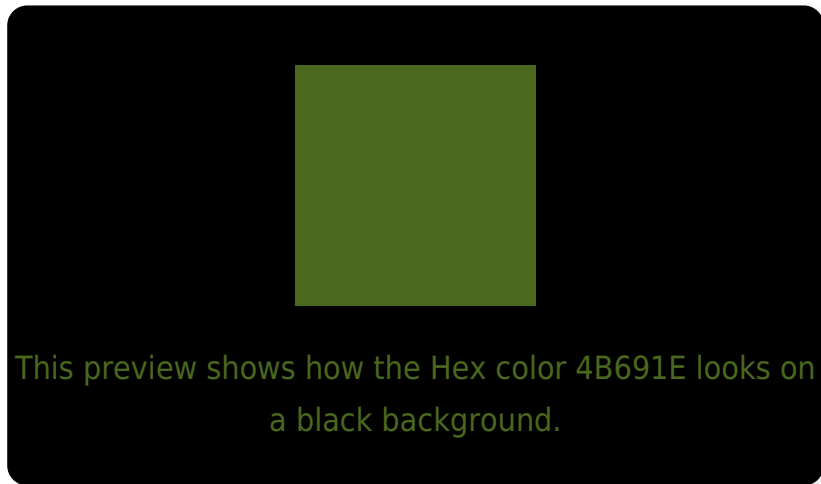
Large Text (above 18pt) WCAG AA ✓ Pass

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

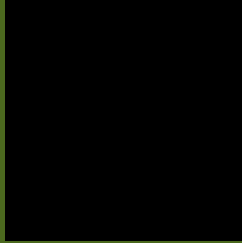
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B691E Background



This preview shows how black text looks on a background with the Hex color 4B691E.



This preview shows how white text looks on a background with the Hex color 4B691E.

# 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](#).

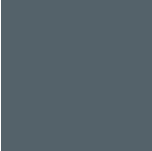
## Dichromacy



**Original Color**  
4B691E

**Protanopia**  
6B601C

**Deuteranopia**  
775B23



**Tritanopia**  
54626A

# Trichromacy



**Original Color**  
4B691E

**Protanomaly**  
5F631D

**Deuteranomaly**  
676021

**Tritanomaly**  
51654E

# Monochromacy



**Original Color**  
4B691E

**Achromatopsia**  
575757

**Achromatomaly**  
535E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B691E 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 #4B691E looks like.

```
.text, #text, p{  
    color:#4B691E  
}
```

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 #4B691E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B691E
}
```

## Border

The CSS property to change the border of an element to Hex 4B691E 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".

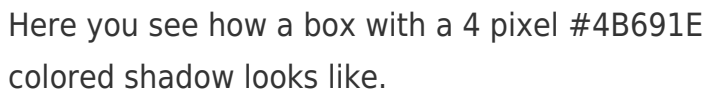
```
.border, #border, table{ border:4px solid
#4B691E }
```

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

```
.border{ border-color:#4B691E }
```

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

Here you see how a box with a 4 pixel #4B691E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B691E; -webkit-box-shadow:4px 4px  
4px 4px #4B691E; box-shadow:4px 4px 4px  
4px #4B691E }
```

# Background

The CSS property to change the background color of an element to Hex 4B691E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B691E }
```

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

```
.background{ background-color:#4B691E }
```

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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