

Converting Colors

Hex(467A1B)

Have a look what the booklet for
Hex(467A1B) contains.

Hex(467A1B)	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(467A1B)

Conversions

Conversions Part 1

Format	Color
Hex	467A1B
RGB	70, 122, 27
RGB Percent	27%, 48%, 11%
CMY	0.7255, 0.5216, 0.8941
CMYK	0.43, 0.00, 0.78, 0.52
HSL	93°, 64%, 29%
HSV	93°, 78%, 48%
XYZ	9.6832, 15.3003, 3.4798
YIQ	95.6220, -0.4970, -40.5690

Conversions

Conversions Part 2

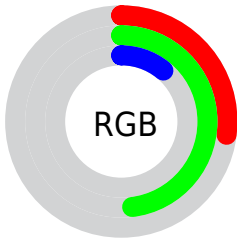
Format	Color
R_{YB}	27, 122, 79
Decimal	4618779
CIE _{Lab}	46.04, -33.90, 43.50
CIE _{LCh}	46, 55.152, 127.931
Yxy	15.3003, 0.3402, 0.5375
Android (android.graphics.Color)	4282808859 (0xFF467A1B)
YUV	95.6220, -33.8306, -22.4705
Hunter-Lab	39.1156, -24.2642, 22.1063

Details

The Hex color **467A1B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4F1B7A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7BAF4E**, and **104900** is the 20% darker color. If you saturate the color by 10%, you get **3F7A0F**, and if you desaturate by 10%, it is **4D7A27**.

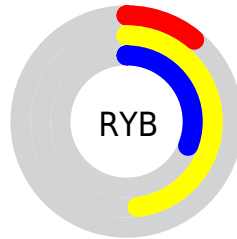
Distribution



Red (27%)

Green (48%)

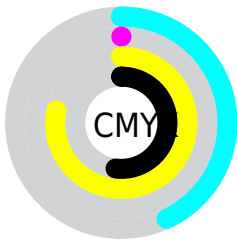
Blue (11%)



Red (11%)

Yellow (48%)

Blue (31%)

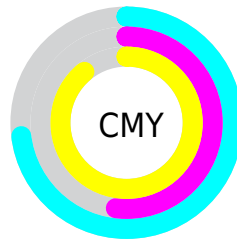


Cyan (43%)

Magenta (0%)

Yellow (78%)

Black (52%)



Cyan (73%)

Magenta (52%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467A1B 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 467A1B by changing the saturation by 10% instead.



467A1B



467A1B

FFFFFF



2B6100



7BAF4E



104900



96CA68



003100



B2E782



001D00



CEFF9D



000000



EBFFB8



FFFFD5



FFFFF1



467A1B



467A1B

■ 3F7A0F

■ 4D7A27

■ 397A03

■ 537A33

■ 377A00

■ 5A7A40

■ 617A4C

■ 677A58

■ 6E7A64

■ 757A70

■ 7B7A7D

■ 827A89

Harmonies

Analogous

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



786F00



467A1B



008048

Triad

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



467A1B



007BC3



BF3D63

Complementary

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



467A1B



4F1B7A

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.



AD4691



467A1B



006FC9

Square

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



467A1B



0081A5



7E5BB6



B84A37

Rectangle

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



467A1B



008268



7E5BB6



BC3D72

Sweetspot

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



467A1B



8A9E7A



7A4E1B



434F39



CFCFCF



4F4F4F

Same Dimension

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



467A1B



4E9E0B



1B7A1E



3A3D37



397D00



72FC00

Inverse Universe

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



4F1B7A



5C0B9E



7A1B77



3A373D



44007D



8A00FC

Previews

White Background



This preview shows how the Hex color 467A1B looks on a white background.

Color Contrast Check

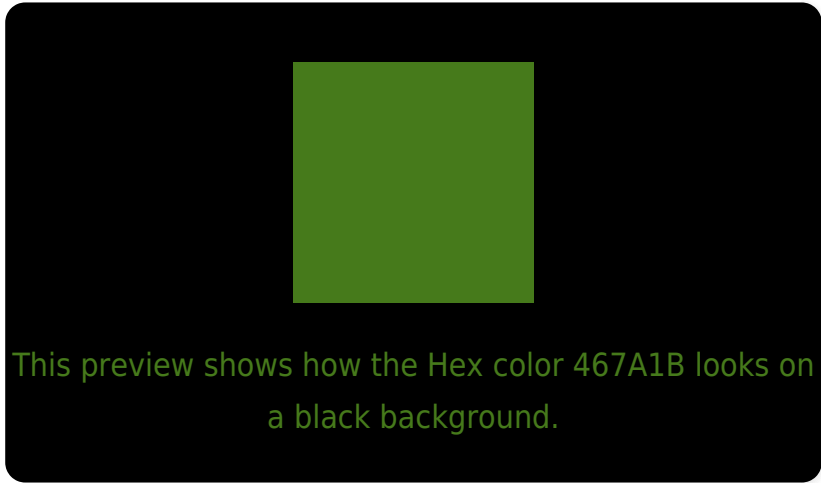
Large Text (above 18pt) WCAG AA ✓ Pass

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 467A1B Background



This preview shows how black text looks on a background with the Hex color 467A1B.



This preview shows how white text looks on a background with the Hex color 467A1B.

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
467A1B

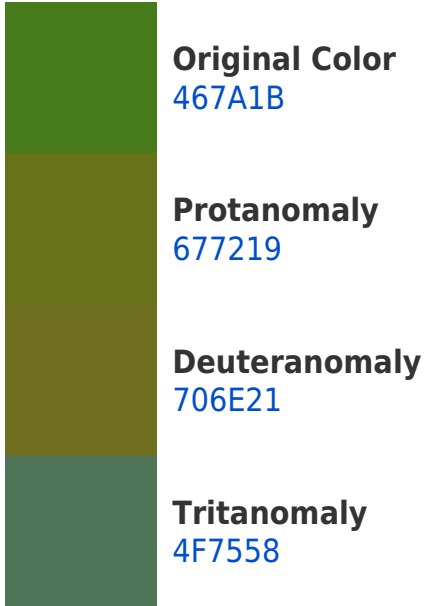
Protanopia
7A6D18

Deuteranopia
886724



Tritanopia
54727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 467A1B 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 #467A1B looks like.

```
.text, #text, p{  
    color:#467A1B  
}
```

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 #467A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467A1B
}
```

Border

The CSS property to change the border of an element to Hex 467A1B 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
#467A1B }
```

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

```
.border{ border-color:#467A1B }
```

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

Here you see how a box with a 4 pixel #467A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467A1B; -webkit-box-shadow:4px 4px  
4px 4px #467A1B; box-shadow:4px 4px 4px  
4px #467A1B }
```

Background

The CSS property to change the background color of an element to Hex 467A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467A1B }
```

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

```
.background{ background-color:#467A1B }
```

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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