

Converting Colors

Hex(4B4617)

Have a look what the booklet for
Hex(4B4617) contains.

Hex(4B4617)	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(4B4617)

Conversions

Conversions Part 1

Format	Color
Hex	4B4617
RGB	75, 70, 23
RGB Percent	29%, 27%, 9%
CMY	0.7059, 0.7255, 0.9098
CMYK	0.00, 0.07, 0.69, 0.71
HSL	54°, 53%, 19%
HSV	54°, 69%, 29%
XYZ	5.2465, 5.9380, 1.6802
YIQ	66.1370, 18.0670, -13.5570

Conversions

Conversions Part 2

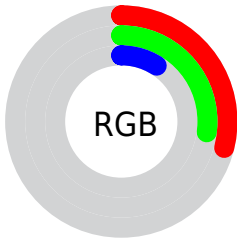
Format	Color
RYB	29, 75, 23
Decimal	4933143
CIELab	29.26, -4.69, 28.23
CIELCh	29, 28.621, 99.433
Yxy	5.9380, 0.4078, 0.4616
Android (android.graphics.Color)	4283123223 (0xFF4B4617)
YUV	66.1370, -21.2665, 7.7729
Hunter-Lab	24.3681, -4.2130, 12.9694

Details

The Hex color **4B4617** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171C4B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7E7645**, and **1D1B00** is the 20% darker color. If you saturate the color by 10%, you get **4B4510**, and if you desaturate by 10%, it is **4B471F**.

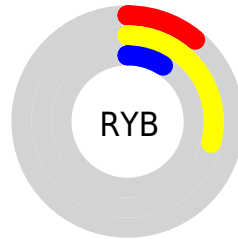
Distribution



Red (29%)

Green (27%)

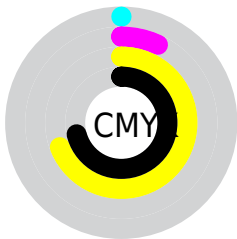
Blue (9%)



Red (11%)

Yellow (29%)

Blue (9%)

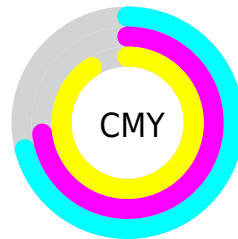


Cyan (0%)

Magenta (7%)

Yellow (69%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4617 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 4B4617 by changing the saturation by 10% instead.

 4B4617

 4B4617

FFFFFF

 343000

 7E7645

 1D1B00

 98905D

 000000

 B3AA76

 CFC590

 ECE1AA

 FFEC6

 FFFFE2

 4B4617

 4B4617

■ 4B4510

■ 4B471F

■ 4B4508

■ 4B4726

■ 4B4401

■ 4B482E

■ 4B4400

■ 4B4935

■ 4B4A3D

■ 4B4A44

■ 4B4B4C

■ 4B4C53

■ 4B4C5B

Harmonies

Analogous

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



5E3E1B



4B4617



334C21

Triad

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



4B4617



004F60



653455

Complementary

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



4B4617



171C4B

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.



503C67



4B4617



004B6E

Square

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



4B4617



00504B



2B4571



6E323F

Rectangle

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



4B4617



1E4E2D



2B4571



60375C

Sweetspot

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



4B4617



615F4D



4B171C



302F24



B0B0B0



303030

Same Dimension

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



4B4617



615910



364B17



262622



665C00



E6CF00

Inverse Universe

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



171C4B



101861



2C174B



222326



000A66



0016E6

Previews

White Background



This preview shows how the Hex color 4B4617 looks on a white background.

Color Contrast Check

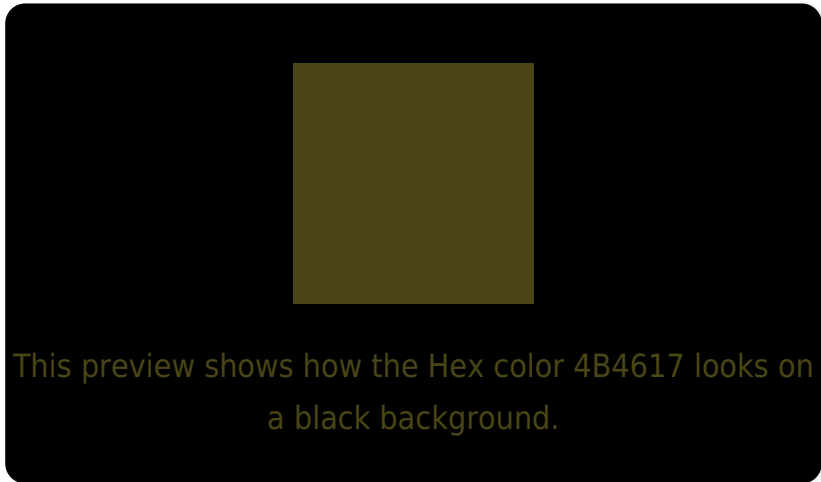
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

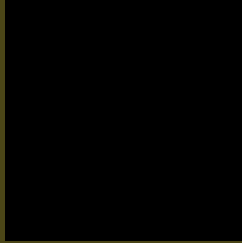
Any Text WCAG AA × Fail

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 4B4617 Background



This preview shows how black text looks on a background with the Hex color 4B4617.

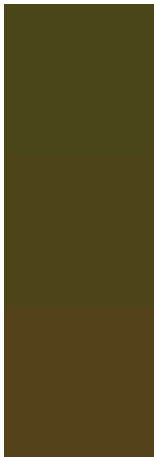


This preview shows how white text looks on a background with the Hex color 4B4617.

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
4B4617

Protanopia
4D4517

Deuteranopia
564219



Tritanopia
4F4147

Trichromacy



Original Color
4B4617

Protanomaly
4C4517

Deuteranomaly
524318

Tritanomaly
4E4336

Monochromacy



Original Color
4B4617

Achromatopsia
424242

Achromatomaly
454332

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4617 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 #4B4617 looks like.

```
.text, #text, p{  
    color:#4B4617  
}
```

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 #4B4617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4617
}
```

Border

The CSS property to change the border of an element to Hex 4B4617 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
#4B4617 }
```

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

```
.border{ border-color:#4B4617 }
```

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

Here you see how a box with a 4 pixel #4B4617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4617; -webkit-box-shadow:4px 4px  
4px 4px #4B4617; box-shadow:4px 4px 4px  
4px #4B4617 }
```

Background

The CSS property to change the background color of an element to Hex 4B4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4617 }
```

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

```
.background{ background-color:#4B4617 }
```

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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