

Converting Colors

Hex(4B4E12)

Have a look what the booklet for
Hex(4B4E12) contains.

Hex(4B4E12)	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(4B4E12)

Conversions

Conversions Part 1

Format	Color
Hex	4B4E12
RGB	75, 78, 18
RGB Percent	29%, 31%, 7%
CMY	0.7059, 0.6941, 0.9294
CMYK	0.04, 0.00, 0.77, 0.69
HSL	63°, 63%, 19%
HSV	63°, 77%, 31%
XYZ	5.7352, 6.9883, 1.6189
YIQ	70.2630, 17.4720, -19.2960

Conversions

Conversions Part 2

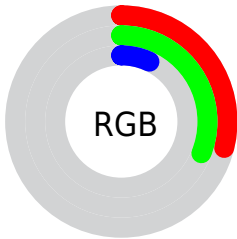
Format	Color
R_YB	18, 78, 21
Decimal	4935186
CIE Lab	31.78, -9.84, 33.20
CIE LCh	32, 34.627, 106.502
Yxy	6.9883, 0.3999, 0.4872
Android (android.graphics.Color)	4283125266 (0xFF4B4E12)
YUV	70.2630, -25.7657, 4.1543
Hunter-Lab	26.4354, -7.5360, 14.8739

Details

The Hex color **4B4E12** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **15124E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E7F41**, and **1C2200** is the 20% darker color. If you saturate the color by 10%, you get **4B4E0A**, and if you desaturate by 10%, it is **4B4E1A**.

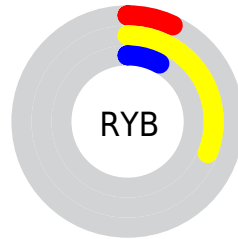
Distribution



Red (29%)

Green (31%)

Blue (7%)



Red (7%)

Yellow (31%)

Blue (8%)

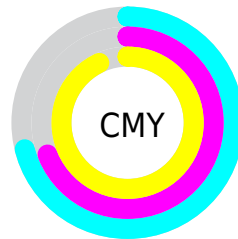


Cyan (4%)

Magenta (0%)

Yellow (77%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4E12 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 4B4E12 by changing the saturation by 10% instead.



4B4E12



4B4E12

FFFFFFC



333700



7E7F41



1C2200



989959



000C00



B4B373



000000



D0CF8D



ECEBA7



FFFFC3



FFFFDF



4B4E12



4B4E12

■ 4B4E0A

■ 4B4E1A

■ 4A4E02

■ 4C4E22

■ 4A4E00

■ 4C4E29

■ 4D4E31

■ 4D4E39

■ 4D4E41

■ 4E4E49

■ 4E4E50

■ 4F4E58

Harmonies

Analogous

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



644513



4B4E12



2B5423

Triad

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



4B4E12



005672



763458

Complementary

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



4B4E12



15124E

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.



5F3D70



4B4E12



00517F

Square

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



4B4E12



005859



35497F



7D323D

Rectangle

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



4B4E12



035634



35497F



703661

Sweetspot

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



4B4E12



65664F



4E1512



323325



B3B3B3



333333

Same Dimension

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



4B4E12



616608



2D4E12



262622



616600



DAE600

Inverse Universe

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



15124E



0D0866



33124E



232226



050066



0B00E6

Previews

White Background



This preview shows how the Hex color 4B4E12 looks on a white background.

Color Contrast Check

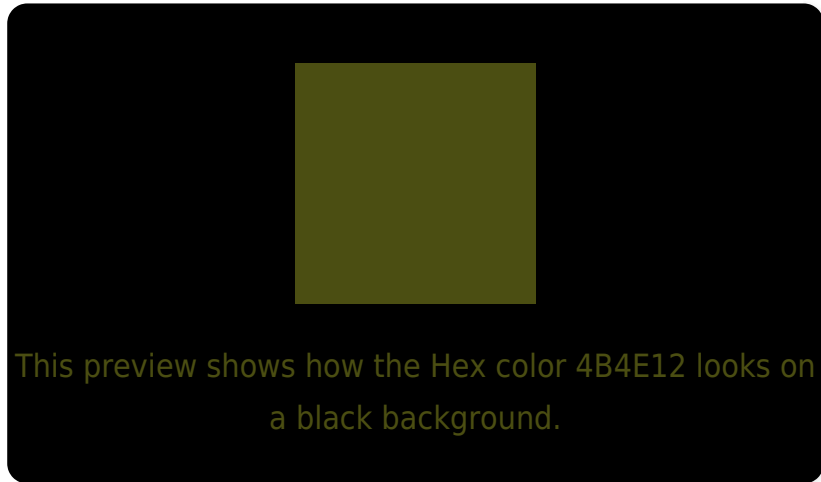
Large Text (above 18pt) WCAG AA ✓ Pass

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

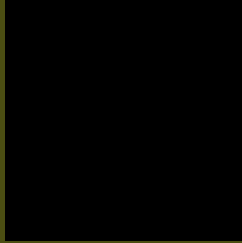
Any Text WCAG AA × Fail

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 4B4E12 Background



This preview shows how black text looks on a background with the Hex color 4B4E12.



This preview shows how white text looks on a background with the Hex color 4B4E12.

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

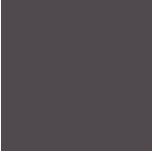
4B4E12

Protanopia

544B11

Deuteranopia

5E4715



Tritanopia
50494E

Trichromacy



Original Color
4B4E12

Protanomaly
514C11

Deuteranomaly
574A14

Tritanomaly
4E4B38

Monochromacy



Original Color
4B4E12

Achromatopsia
464646

Achromatomaly
484933

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4E12 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 #4B4E12 looks like.

```
.text, #text, p{  
    color:#4B4E12  
}
```

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 #4B4E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4E12
}
```

Border

The CSS property to change the border of an element to Hex 4B4E12 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
#4B4E12 }
```

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

```
.border{ border-color:#4B4E12 }
```

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

Here you see how a box with a 4 pixel #4B4E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4E12; -webkit-box-shadow:4px 4px  
4px 4px #4B4E12; box-shadow:4px 4px 4px  
4px #4B4E12 }
```

Background

The CSS property to change the background color of an element to Hex 4B4E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4E12 }
```

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

```
.background{ background-color:#4B4E12 }
```

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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