

Converting Colors

Hex(4B5824)

Have a look what the booklet for
Hex(4B5824) contains.

Hex(4B5824)	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(4B5824)

Conversions

Conversions Part 1

Format	Color
Hex	4B5824
RGB	75, 88, 36
RGB Percent	29%, 35%, 14%
CMY	0.7059, 0.6549, 0.8588
CMYK	0.15, 0.00, 0.59, 0.65
HSL	75°, 42%, 24%
HSV	75°, 59%, 35%
XYZ	6.7098, 8.6027, 2.9759
YIQ	78.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

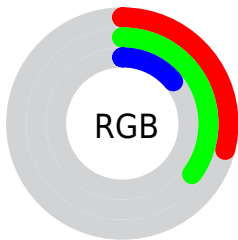
Format	Color
RYB	36, 88, 49
Decimal	4937764
CIELab	35.21, -14.08, 28.04
CIELCh	35, 31.380, 116.654
Yxy	8.6027, 0.3669, 0.4704
Android (android.graphics.Color)	4283127844 (0xFF4B5824)
YUV	78.1850, -20.7972, -2.7932
Hunter-Lab	29.3303, -10.4931, 14.5156

Details

The Hex color **4B5824** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **312458**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D8A53**, and **1E2B00** is the 20% darker color. If you saturate the color by 10%, you get **49581B**, and if you desaturate by 10%, it is **4D582D**.

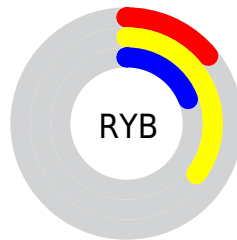
Distribution



Red (29%)

Green (35%)

Blue (14%)



Red (14%)

Yellow (35%)

Blue (19%)

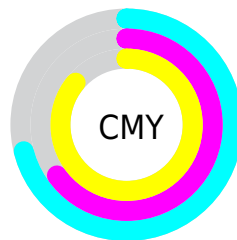


Cyan (15%)

Magenta (0%)

Yellow (59%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5824 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 4B5824 by changing the saturation by 10% instead.



4B5824



4B5824

FFFFFF



33410D



7D8A53



1E2B00



97A46B



001700



B3BF85



000000



CEDB9F



EBF8BA



FFFFD6



FFFFFF3



4B5824



4B5824

■ 49581B

■ 4D582D

■ 475812

■ 4F5836

■ 44580A

■ 52583E

■ 425801

■ 545847

■ 425800

■ 565850

■ 585859

■ 5A5862

■ 5D586A

■ 5F5873

Harmonies

Analogous

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



64501F



4B5824



2C5D36

Triad

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



4B5824



005C7C



7F3E57

Complementary

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



4B5824



312458

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.



6F446F



4B5824



1A5685

Square

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



4B5824



005F68



504D80



813F3E

Rectangle

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



4B5824



045F46



504D80



7B3F5F

Sweetspot

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



4B5824



6E735E



583124



373B2E



BABABA



3B3B3B

Same Dimension

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



4B5824



5E7321



315824



2A2B27



506B00



B0EB00

Inverse Universe

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



312458



362173



4B2458



28272B



1B006B



3B00EB

Previews

White Background



This preview shows how the Hex color 4B5824 looks on a white background.

Color Contrast Check

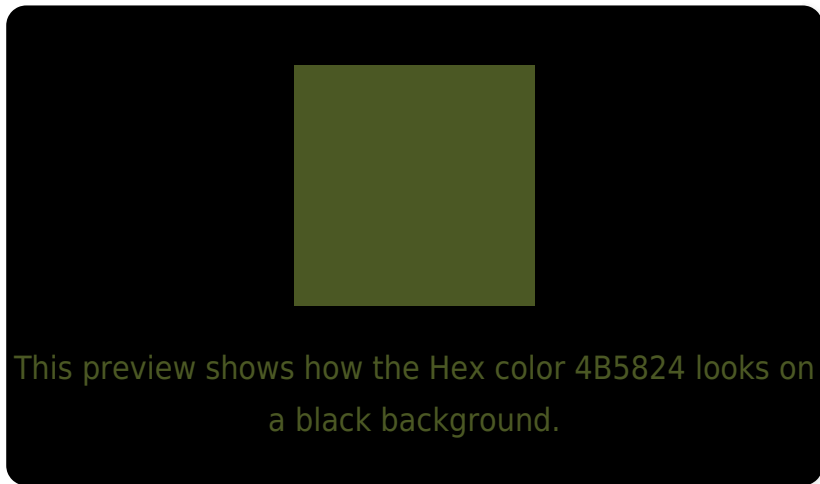
Large Text (above 18pt) WCAG AA ✓ Pass

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

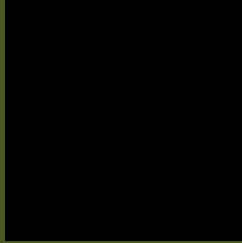
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

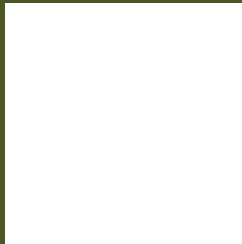
Any Text WCAG AAA × Fail

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

Hex 4B5824 Background



This preview shows how black text looks on a background with the Hex color 4B5824.



This preview shows how white text looks on a background with the Hex color 4B5824.

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
4B5824

Protanopia
5C5322

Deuteranopia
664F27



Tritanopia
515359

Trichromacy



Original Color
4B5824

Protanomaly
565523

Deuteranomaly
5C5226

Tritanomaly
4F5546

Monochromacy



Original Color
4B5824

Achromatopsia
4E4E4E

Achromatomaly
4D523F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5824 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 #4B5824 looks like.

```
.text, #text, p{  
    color:#4B5824  
}
```

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 #4B5824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5824
}
```

Border

The CSS property to change the border of an element to Hex 4B5824 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
#4B5824 }
```

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

```
.border{ border-color:#4B5824 }
```

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

Here you see how a box with a 4 pixel #4B5824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5824; -webkit-box-shadow:4px 4px  
4px 4px #4B5824; box-shadow:4px 4px 4px  
4px #4B5824 }
```

Background

The CSS property to change the background color of an element to Hex 4B5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5824 }
```

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

```
.background{ background-color:#4B5824 }
```

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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