

Converting Colors

Hex(4B5728)

Have a look what the booklet for
Hex(4B5728) contains.

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Color

Hex(4B5728)

Conversions

Conversions Part 1

Format	Color
Hex	4B5728
RGB	75, 87, 40
RGB Percent	29%, 34%, 16%
CMY	0.7059, 0.6588, 0.8431
CMYK	0.14, 0.00, 0.54, 0.66
HSL	75°, 37%, 25%
HSV	75°, 54%, 34%
XYZ	6.6928, 8.4654, 3.2887
YIQ	78.0540, 7.9350, -17.1610

Conversions

Conversions Part 2

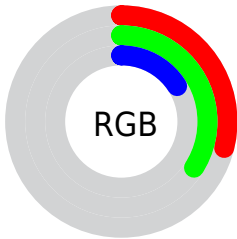
Format	Color
R_{YB}	40, 87, 52
Decimal	4937512
CIE Lab	34.93, -13.07, 25.53
CIE LCh	35, 28.683, 117.111
Yxy	8.4654, 0.3628, 0.4589
Android (android.graphics.Color)	4283127592 (0xFF4B5728)
YUV	78.0540, -18.7606, -2.6784
Hunter-Lab	29.0954, -9.8565, 13.6651

Details

The Hex color **4B5728** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **342857**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D8957**, and **1F2A00** is the 20% darker color. If you saturate the color by 10%, you get **49571F**, and if you desaturate by 10%, it is **4D5731**.

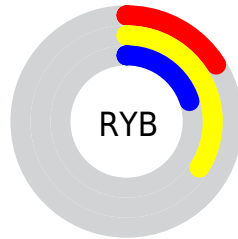
Distribution



Red (29%)

Green (34%)

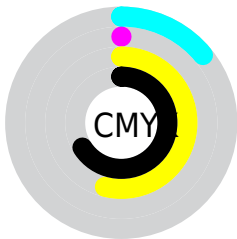
Blue (16%)



Red (16%)

Yellow (34%)

Blue (20%)

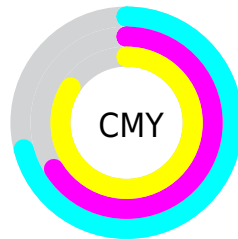


Cyan (14%)

Magenta (0%)

Yellow (54%)

Black (66%)



Cyan (71%)

Magenta (66%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5728 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 4B5728 by changing the saturation by 10% instead.



4B5728



4B5728

FFFFFF



334012



7D8957



1F2A00



97A36F



001700



B2BE89



000000



CEDAA3



EAF6BF



FFFFDB



FFFFF7



4B5728



4B5728

■ 49571F

■ 4D5731

■ 475717

■ 4F5739

■ 44570E

■ 525742

■ 425705

■ 54574B

■ 415700

■ 565754

■ 58575C

■ 5B5765

■ 5D576E

■ 5F5776

Harmonies

Analogous

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



625023



4B5728



2F5C38

Triad

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



4B5728



005B78



7B3F55

Complementary

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



4B5728



342857

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.



6C446B



4B5728



255580

Square

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



4B5728



005E66



504D7B



7D413F

Rectangle

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



4B5728



135D47



504D7B



78405D

Sweetspot

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



4B5728



6C705E



573428



35382D



B8B8B8



383838

Same Dimension

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



4B5728



5E7027



345728



2A2B27



506B00



AFE800

Inverse Universe

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



342857



3A2770



4B2857



28272B



1B006B



3C00EB

Previews

White Background



This preview shows how the Hex color 4B5728 looks on a white background.

Color Contrast Check

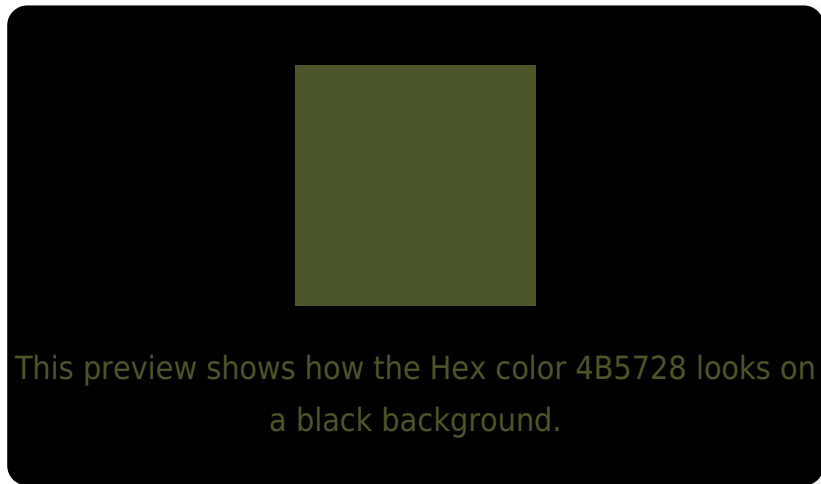
Large Text (above 18pt) WCAG AA ✓ Pass

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

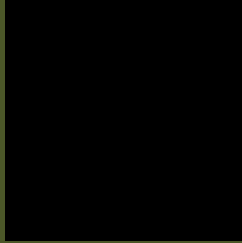
Any Text WCAG AA × Fail

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 4B5728 Background



This preview shows how black text looks on a background with the Hex color 4B5728.



This preview shows how white text looks on a background with the Hex color 4B5728.

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
4B5728

Protanopia
5B5226

Deuteranopia
654E2A



Tritanopia
515258

Trichromacy



Original Color
4B5728

Protanomaly
555427

Deuteranomaly
5C5129

Tritanomaly
4F5447

Monochromacy



Original Color
4B5728

Achromatopsia
4E4E4E

Achromatomaly
4D5140

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5728 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 #4B5728 looks like.

```
.text, #text, p{  
    color:#4B5728  
}
```

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 #4B5728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5728
}
```

Border

The CSS property to change the border of an element to Hex 4B5728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

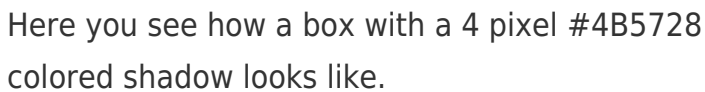
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B5728 }
```

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

```
.border{ border-color:#4B5728 }
```

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



Here you see how a box with a 4 pixel #4B5728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5728; -webkit-box-shadow:4px 4px  
4px 4px #4B5728; box-shadow:4px 4px 4px  
4px #4B5728 }
```

Background

The CSS property to change the background color of an element to Hex 4B5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5728 }
```

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

```
.background{ background-color:#4B5728 }
```

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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