

Converting Colors

Hex(4B7037)

Have a look what the booklet for
Hex(4B7037) contains.

| | |
|--|----|
| Hex(4B7037) | 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(4B7037)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4B7037 |
| RGB | 75, 112, 55 |
| RGB Percent | 29%, 44%, 22% |
| CMY | 0.7059, 0.5608, 0.7843 |
| CMYK | 0.33, 0.00, 0.51, 0.56 |
| HSL | 99°, 34%, 33% |
| HSV | 99°, 51%, 44% |
| XYZ | 9.3854, 13.3600, 5.6985 |
| YIQ | 94.4390, -3.7550, -25.5710 |

Conversions

Conversions Part 2

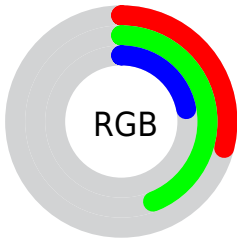
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 55, 112, 92 |
| Decimal | 4943927 |
| CIELab | 43.30, -24.50, 27.43 |
| CIElCh | 43, 36.782, 131.771 |
| Yxy | 13.3600, 0.3300, 0.4697 |
| Android (android.graphics.Color) | 4283134007 (0xFF4B7037) |
| YUV | 94.4390, -19.4434, -17.0480 |
| Hunter-Lab | 36.5514, -18.1309, 16.3424 |

Details

The Hex color **4B7037** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C3770**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7EA467**, and **1B4009** is the 20% darker color. If you saturate the color by 10%, you get **44702C**, and if you desaturate by 10%, it is **527042**.

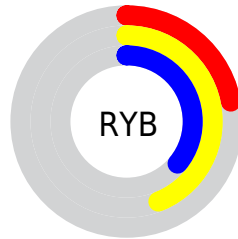
Distribution



Red (29%)

Green (44%)

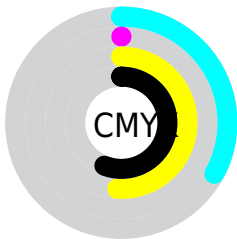
Blue (22%)



Red (22%)

Yellow (44%)

Blue (36%)

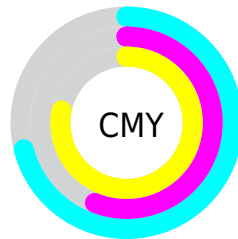


Cyan (33%)

Magenta (0%)

Yellow (51%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7037 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 4B7037 by changing the saturation by 10% instead.



4B7037



4B7037

FFFFFF



335720



7EA467



1B4009



98BF81



042900



B3DB9B



001400



CFF8B6



000000



ECFFD2



FFFEE



4B7037



4B7037



44702C



527042

■ 3C7021

■ 5A704D

■ 357015

■ 617059

■ 2E700A

■ 687064

■ 277000

■ 6F706F

■ 77707A

■ 7E7085

■ 857091

■ 8C709C

Harmonies

Analogous

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



6C6828



4B7037



177452

Triad

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



4B7037



006FA0



9F4C5B

Complementary

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



4B7037



5C3770

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.



954F7A



4B7037



4865A2

Square

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



4B7037



00748E



785994



9A533F

Rectangle

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



4B7037



007667



785994



9E4C66

Sweetspot

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



4B7037



83917C



705B37



414A3D



C9C9C9



4A4A4A

Same Dimension

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



4B7037



589139



37703F



343832



2A7800



57F700

Inverse Universe

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



5C3770



723991



703768



363238



4E0078



A100F7

Previews

White Background



This preview shows how the Hex color 4B7037 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

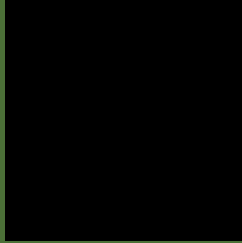
Any Text WCAG AA × Fail

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 4B7037 Background



This preview shows how black text looks on a background with the Hex color 4B7037.



This preview shows how white text looks on a background with the Hex color 4B7037.

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
4B7037

Protanopia
716634

Deuteranopia
7C613B



Tritanopia
546A72

Trichromacy



Original Color
4B7037

Protanomaly
636A35

Deuteranomaly
6A663A

Tritanomaly
516C5D

Monochromacy



Original Color
4B7037

Achromatopsia
5E5E5E

Achromatomaly
576550

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7037 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 #4B7037 looks like.

```
.text, #text, p{  
    color:#4B7037  
}
```

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 #4B7037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7037
}
```

Border

The CSS property to change the border of an element to Hex 4B7037 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
#4B7037 }
```

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

```
.border{ border-color:#4B7037 }
```

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

Here you see how a box with a 4 pixel #4B7037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7037; -webkit-box-shadow:4px 4px  
4px 4px #4B7037; box-shadow:4px 4px 4px  
4px #4B7037 }
```

Background

The CSS property to change the background color of an element to Hex 4B7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7037 }
```

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

```
.background{ background-color:#4B7037 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor