

Converting Colors

Hex(4B7000)

Have a look what the booklet for
Hex(4B7000) contains.

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Color

Hex(4B7000)

Conversions

Conversions Part 1

Format	Color
Hex	4B7000
RGB	75, 112, 0
RGB Percent	29%, 44%, 0%
CMY	0.7059, 0.5608, 1.0000
CMYK	0.33, 0.00, 1.00, 0.56
HSL	80°, 100%, 22%
HSV	80°, 100%, 44%
XYZ	8.6958, 13.0842, 2.0672
YIQ	88.1690, 13.9000, -42.6760

Conversions

Conversions Part 2

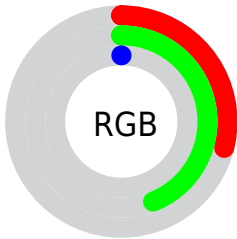
Format	Color
RYB	0, 112, 37
Decimal	4943872
CIELab	42.89, -28.54, 48.18
CIELCh	43, 55.996, 120.637
Yxy	13.0842, 0.3646, 0.5487
Android (android.graphics.Color)	4283133952 (0xFF4B7000)
YUV	88.1690, -43.4673, -11.5492
Hunter-Lab	36.1721, -20.3895, 21.9321

Details

The Hex color **4B7000** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **250070**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **80A43D**, and **174000** is the 20% darker color. If you saturate the color by 10%, you get **4B7000**, and if you desaturate by 10%, it is **4F700B**.

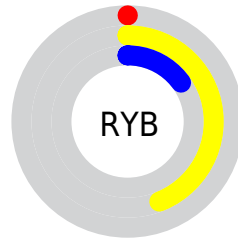
Distribution



Red (29%)

Green (44%)

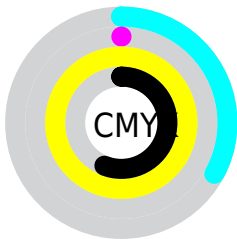
Blue (0%)



Red (0%)

Yellow (44%)

Blue (15%)

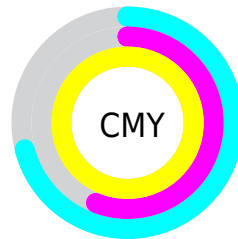


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7000 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 4B7000 by changing the saturation by 10% instead.



4B7000



4B7000

FFFFFFC



315700



80A43D



174000



9BBF56



002900



B7DB70



001200



D3F88B



000000



F1FFA6



FFFFC2



FFFFDF



4B7000


 4F700B

 527016

 567022

 5A702D

 5E7038

 617043

 65704E

 69705A

 6C7065

Harmonies

Analogous

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



796400



4B7000



007735

Triad

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



4B7000



0075B6



B53266

Complementary

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



4B7000



250070

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.



9D4193



4B7000



006BC3

Square

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



4B7000



007A93



6358B6



B33C39

Rectangle

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



4B7000



007955



6358B6



B03576

Sweetspot

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



4B7000



839166



702300



414A2F



C9C9C9



4A4A4A

Same Dimension

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



4B7000



619100



157000



363832



507800



A6F700

Inverse Universe

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



250070



300091



5B0070



343238



280078



5200F7

Previews

White Background



This preview shows how the Hex color 4B7000 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 4B7000 Background



This preview shows how black text looks on a background with the Hex color 4B7000.



This preview shows how white text looks on a background with the Hex color 4B7000.

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
4B7000

Protanopia
726500

Deuteranopia
7F6016



Tritanopia
566870

Trichromacy



Original Color
4B7000

Protanomaly
646900

Deuteranomaly
6C660E

Tritanomaly
526B47

Monochromacy



Original Color
4B7000

Achromatopsia
585858

Achromatomaly
536138

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7000 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 #4B7000 looks like.

```
.text, #text, p{  
    color:#4B7000  
}
```

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 #4B7000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7000
}
```

Border

The CSS property to change the border of an element to Hex 4B7000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

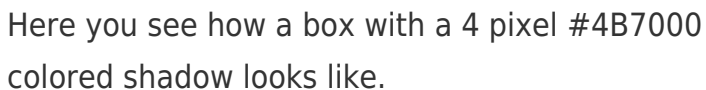
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B7000 }
```

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

```
.border{ border-color:#4B7000 }
```

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



Here you see how a box with a 4 pixel #4B7000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7000; -webkit-box-shadow:4px 4px  
4px 4px #4B7000; box-shadow:4px 4px 4px  
4px #4B7000 }
```

Background

The CSS property to change the background color of an element to Hex 4B7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7000 }
```

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

```
.background{ background-color:#4B7000 }
```

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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