

Converting Colors

Hex(4B6B26)

Have a look what the booklet for
Hex(4B6B26) contains.

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Color

Hex(4B6B26)

Conversions

Conversions Part 1

Format	Color
Hex	4B6B26
RGB	75, 107, 38
RGB Percent	29%, 42%, 15%
CMY	0.7059, 0.5804, 0.8510
CMYK	0.30, 0.00, 0.64, 0.58
HSL	88°, 48%, 28%
HSV	88°, 64%, 42%
XYZ	8.5092, 12.1512, 3.7307
YIQ	89.5660, 3.0770, -28.2430

Conversions

Conversions Part 2

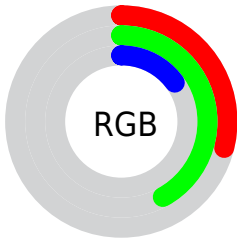
Format	Color
R_{YB}	38, 107, 70
Decimal	4942630
CIE _{Lab}	41.46, -23.98, 34.10
CIE _{LCh}	41, 41.687, 125.110
Yxy	12.1512, 0.3489, 0.4982
Android (android.graphics.Color)	4283132710 (0xFF4B6B26)
YUV	89.5660, -25.4220, -12.7744
Hunter-Lab	34.8586, -17.4295, 18.0556

Details

The Hex color **4B6B26** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **46266B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7E9F56**, and **1B3B00** is the 20% darker color. If you saturate the color by 10%, you get **466B1B**, and if you desaturate by 10%, it is **506B31**.

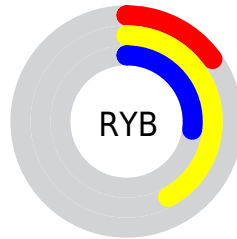
Distribution



Red (29%)

Green (42%)

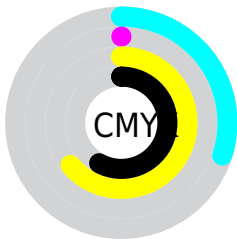
Blue (15%)



Red (15%)

Yellow (42%)

Blue (27%)

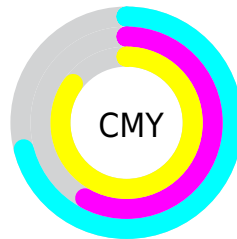


Cyan (30%)

Magenta (0%)

Yellow (64%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6B26 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 4B6B26 by changing the saturation by 10% instead.



4B6B26



4B6B26

FFFFFF



32530D



7E9F56



1B3B00



99BA6F



002500



B4D589



000A00



D0F2A4



000000



EDFFBF



FFFFDB



FFFFF8



4B6B26



4B6B26

■ 466B1B

■ 506B31

■ 416B11

■ 556B3B

■ 3C6B06

■ 5A6B46

■ 396B00

■ 5F6B51

■ 646B5C

■ 696B66

■ 6E6B71

■ 736B7C

■ 786B86

Harmonies

Analogous

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



6F6217



4B6B26



0D7044

Triad

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



4B6B26



006DA0



A0425D

Complementary

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



4B6B26



46266B

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.



90487F



4B6B26



2264A6

Square

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



4B6B26



007288



6B569A



9D483C

Rectangle

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



4B6B26



00725B



6B569A



9D4369

Sweetspot

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



4B6B26



808C72



6B4526



404737



C7C7C7



474747

Same Dimension

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



4B6B26



5A8C20



296B26



333630



3F7500



83F500

Inverse Universe

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



46266B



52208C



68266B



333036



360075



7200F5

Previews

White Background



This preview shows how the Hex color 4B6B26 looks on a white background.

Color Contrast Check

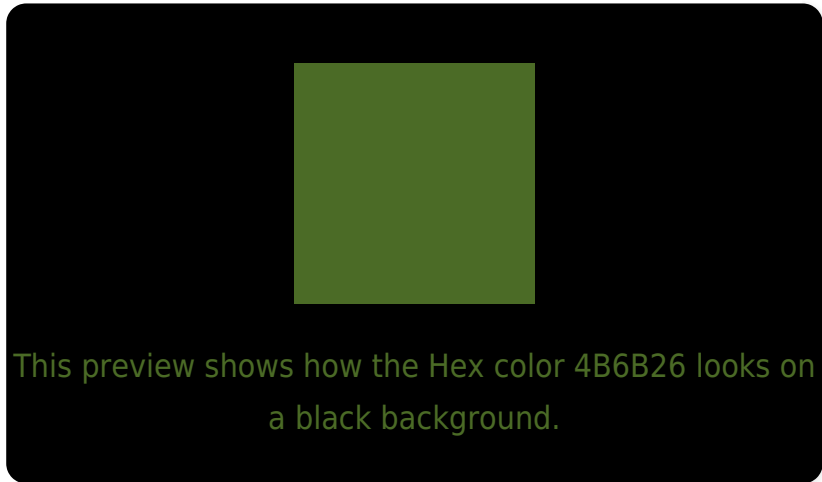
Large Text (above 18pt) WCAG AA ✓ Pass

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

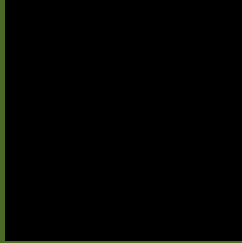
Any Text WCAG AA × Fail

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 4B6B26 Background



This preview shows how black text looks on a background with the Hex color 4B6B26.



This preview shows how white text looks on a background with the Hex color 4B6B26.

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](#).

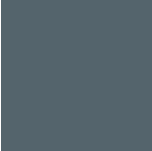
Dichromacy



Original Color
4B6B26

Protanopia
6D6223

Deuteranopia
795D2B



Tritanopia
54646C

Trichromacy



Original Color
4B6B26

Protanomaly
616524

Deuteranomaly
686229

Tritanomaly
516753

Monochromacy



Original Color
4B6B26

Achromatopsia
5A5A5A

Achromatomaly
556047

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6B26 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 #4B6B26 looks like.

```
.text, #text, p{  
    color:#4B6B26  
}
```

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 #4B6B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6B26
}
```

Border

The CSS property to change the border of an element to Hex 4B6B26 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".

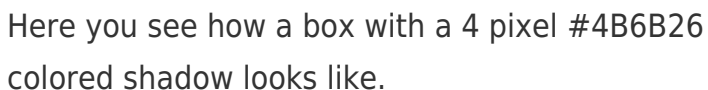
```
.border, #border, table{ border:4px solid
#4B6B26 }
```

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

```
.border{ border-color:#4B6B26 }
```

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

Here you see how a box with a 4 pixel #4B6B26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6B26; -webkit-box-shadow:4px 4px  
4px 4px #4B6B26; box-shadow:4px 4px 4px  
4px #4B6B26 }
```

Background

The CSS property to change the background color of an element to Hex 4B6B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6B26 }
```

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

```
.background{ background-color:#4B6B26 }
```

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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