

Converting Colors

Hex(4B6929)

Have a look what the booklet for
Hex(4B6929) contains.

Hex(4B6929)	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(4B6929)

Conversions

Conversions Part 1

Format	Color
Hex	4B6929
RGB	75, 105, 41
RGB Percent	29%, 41%, 16%
CMY	0.7059, 0.5882, 0.8392
CMYK	0.29, 0.00, 0.61, 0.59
HSL	88°, 44%, 29%
HSV	88°, 61%, 41%
XYZ	8.3535, 11.7591, 3.9273
YIQ	88.7340, 2.6640, -26.2640

Conversions

Conversions Part 2

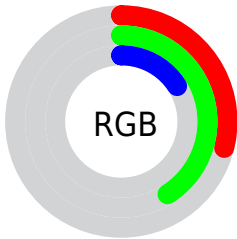
Format	Color
RYB	41, 105, 71
Decimal	4942121
CIELab	40.83, -22.66, 31.90
CIELCh	41, 39.130, 125.381
Yxy	11.7591, 0.3475, 0.4892
Android (android.graphics.Color)	4283132201 (0xFF4B6929)
YUV	88.7340, -23.5329, -12.0447
Hunter-Lab	34.2915, -16.5274, 17.2138

Details

The Hex color **4B6929** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **472969**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7E9C59**, and **1C3900** is the 20% darker color. If you saturate the color by 10%, you get **46691E**, and if you desaturate by 10%, it is **506933**.

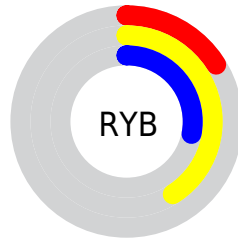
Distribution



 Red (29%)

 Green (41%)

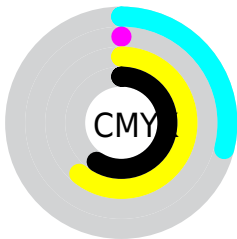
 Blue (16%)



 Red (16%)

 Yellow (41%)

 Blue (28%)

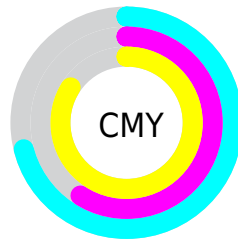


 Cyan (29%)

 Magenta (0%)

 Yellow (61%)

 Black (59%)



 Cyan (71%)

 Magenta (59%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6929 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 4B6929 by changing the saturation by 10% instead.



4B6929



4B6929

FFFFFF



335111



7E9C59



1C3900



98B772



002400



B4D38C



000600



D0EFA7



000000



ECFFC2



FFFFDE



FFFFFB



4B6929



4B6929

■ 46691E

■ 506933

■ 416914

■ 55693E

■ 3C6909

■ 5A6949

■ 386900

■ 5F6953

■ 64695E

■ 696968

■ 6D6972

■ 72697D

■ 776987

Harmonies

Analogous

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



6D601C



4B6929



176E44

Triad

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



4B6929



006B9A



9B435C

Complementary

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



4B6929



472969

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.



8C497C



4B6929



2B62A0

Square

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



4B6929



006F85



6A5595



98493D

Rectangle

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



4B6929



00705A



6A5595



984467

Sweetspot

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



4B6929



7E8A71



694729



3E4536



C4C4C4



454545

Same Dimension

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



4B6929



5B8A25



2B6929



333630



3E7500



82F500

Inverse Universe

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



472969



54258A



672969



333036



370075



7300F5

Previews

White Background



This preview shows how the Hex color 4B6929 looks on a white background.

Color Contrast Check

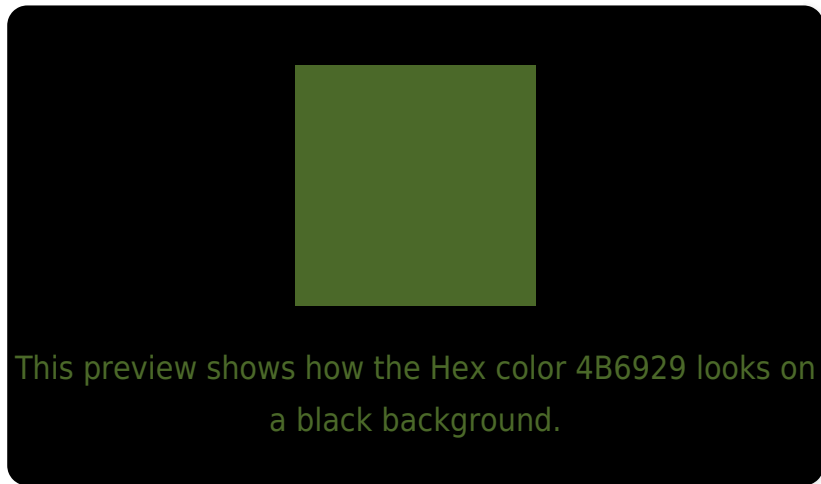
Large Text (above 18pt) WCAG AA ✓ Pass

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

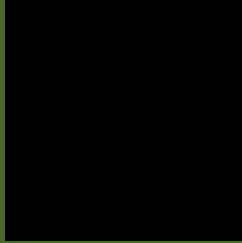
Any Text WCAG AA × Fail

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 4B6929 Background



This preview shows how black text looks on a background with the Hex color 4B6929.



This preview shows how white text looks on a background with the Hex color 4B6929.

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](#).

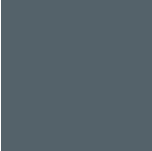
Dichromacy



Original Color
4B6929

Protanopia
6B6026

Deuteranopia
775B2D



Tritanopia
54626A

Trichromacy



Original Color
4B6929

Protanomaly
5F6327

Deuteranomaly
67602C

Tritanomaly
516552

Monochromacy



Original Color
4B6929

Achromatopsia
595959

Achromatomaly
545F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6929 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 #4B6929 looks like.

```
.text, #text, p{  
    color:#4B6929  
}
```

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 #4B6929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6929
}
```

Border

The CSS property to change the border of an element to Hex 4B6929 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".

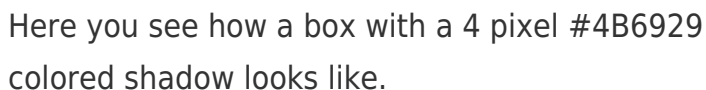
```
.border, #border, table{ border:4px solid
#4B6929 }
```

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

```
.border{ border-color:#4B6929 }
```

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

Here you see how a box with a 4 pixel #4B6929 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6929; -webkit-box-shadow:4px 4px  
4px 4px #4B6929; box-shadow:4px 4px 4px  
4px #4B6929 }
```

Background

The CSS property to change the background color of an element to Hex 4B6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6929 }
```

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

```
.background{ background-color:#4B6929 }
```

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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