

Converting Colors

Hex(4A6B29)

Have a look what the booklet for
Hex(4A6B29) contains.

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Color

Hex(4A6B29)

Conversions

Conversions Part 1

Format	Color
Hex	4A6B29
RGB	74, 107, 41
RGB Percent	29%, 42%, 16%
CMY	0.7098, 0.5804, 0.8392
CMYK	0.31, 0.00, 0.62, 0.58
HSL	90°, 45%, 29%
HSV	90°, 62%, 42%
XYZ	8.4820, 12.1313, 3.9924
YIQ	89.6090, 1.5180, -27.5220

Conversions

Conversions Part 2

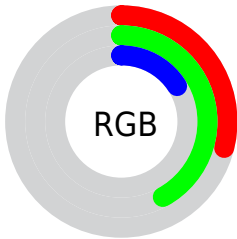
Format	Color
RYB	41, 107, 74
Decimal	4877097
CIELab	41.42, -24.08, 32.56
CIELCh	41, 40.500, 126.482
Yxy	12.1313, 0.3447, 0.4930
Android (android.graphics.Color)	4283067177 (0xFF4A6B29)
YUV	89.6090, -23.9642, -13.6891
Hunter-Lab	34.8301, -17.4835, 17.5850

Details

The Hex color **4A6B29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A296B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7D9F59**, and **1A3B00** is the 20% darker color. If you saturate the color by 10%, you get **456B1E**, and if you desaturate by 10%, it is **4F6B34**.

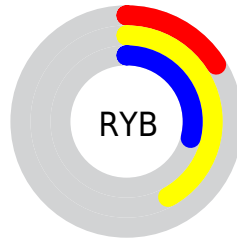
Distribution



Red (29%)

Green (42%)

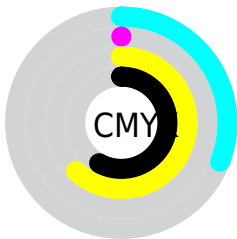
Blue (16%)



Red (16%)

Yellow (42%)

Blue (29%)

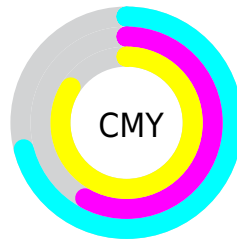


Cyan (31%)

Magenta (0%)

Yellow (62%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6B29 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 4A6B29 by changing the saturation by 10% instead.



4A6B29



4A6B29

FFFFFF



325311



7D9F59



1A3B00



97BA72



002500



B3D58C



000A00



CFF2A7



000000



EBFFC2



FFFFDE



FFFFFB



4A6B29



4A6B29

■ 456B1E

■ 4F6B34

■ 3F6B14

■ 556B3E

■ 3A6B09

■ 5A6B49

■ 366B00

■ 5F6B54

■ 656B5F

■ 6A6B69

■ 6F6B74

■ 756B7F

■ 7A6B89

Harmonies

Analogous

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



6D621A



4A6B29



0E7046

Triad

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



4A6B29



006C9E



9E435C

Complementary

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



4A6B29



4A296B

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.



90497D



4A6B29



2C63A4

Square

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



4A6B29



007188



6D5697



9B4A3C

Rectangle

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



4A6B29



00725D



6D5697



9C4467

Sweetspot

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



4A6B29



7F8C72



6B4A29



3F4737



C7C7C7



474747

Same Dimension

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



4A6B29



588C24



296B29



333630



3B7500



7AF500

Inverse Universe

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



4A296B



58248C



6B296B



333036



3B0075



7A00F5

Previews

White Background



This preview shows how the Hex color 4A6B29 looks on a white background.

Color Contrast Check

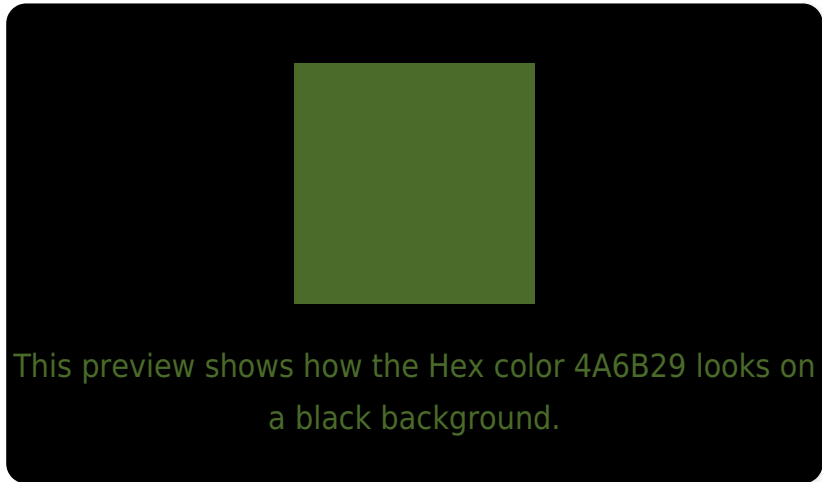
Large Text (above 18pt) WCAG AA ✓ Pass

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

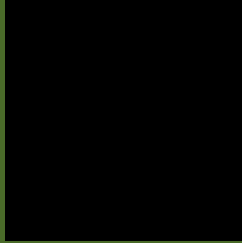
Any Text WCAG AA × Fail

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 4A6B29 Background



This preview shows how black text looks on a background with the Hex color 4A6B29.



This preview shows how white text looks on a background with the Hex color 4A6B29.

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](#).

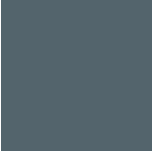
Dichromacy



Original Color
4A6B29

Protanopia
6D6226

Deuteranopia
785D2D

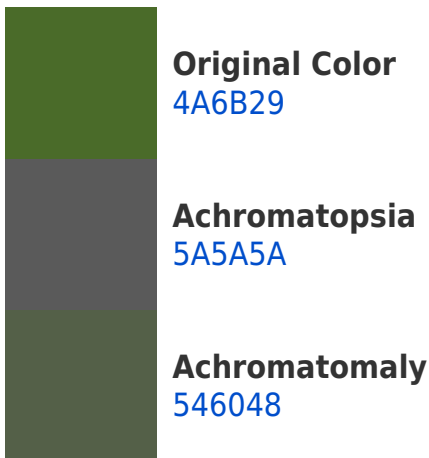


Tritanopia
53646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6B29 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 #4A6B29 looks like.

```
.text, #text, p{  
    color:#4A6B29  
}
```

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 #4A6B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6B29
}
```

Border

The CSS property to change the border of an element to Hex 4A6B29 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
#4A6B29 }
```

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

```
.border{ border-color:#4A6B29 }
```

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

Here you see how a box with a 4 pixel #4A6B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6B29; -webkit-box-shadow:4px 4px  
4px 4px #4A6B29; box-shadow:4px 4px 4px  
4px #4A6B29 }
```

Background

The CSS property to change the background color of an element to Hex 4A6B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6B29 }
```

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

```
.background{ background-color:#4A6B29 }
```

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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