

Converting Colors

Hex(4A4C16)

Have a look what the booklet for
Hex(4A4C16) contains.

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Color

Hex(4A4C16)

Conversions

Conversions Part 1

Format	Color
Hex	4A4C16
RGB	74, 76, 22
RGB Percent	29%, 30%, 9%
CMY	0.7098, 0.7020, 0.9137
CMYK	0.03, 0.00, 0.71, 0.70
HSL	62°, 55%, 19%
HSV	62°, 71%, 30%
XYZ	5.5533, 6.6827, 1.7562
YIQ	69.2460, 16.1420, -17.2180

Conversions

Conversions Part 2

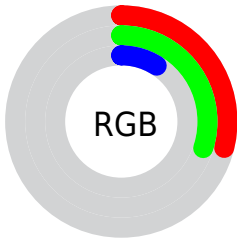
Format	Color
RYB	22, 76, 24
Decimal	4869142
CIELab	31.07, -8.88, 30.63
CIELCh	31, 31.891, 106.176
Yxy	6.6827, 0.3969, 0.4776
Android (android.graphics.Color)	4283059222 (0xFF4A4C16)
YUV	69.2460, -23.2923, 4.1693
Hunter-Lab	25.8508, -6.8934, 14.0676

Details

The Hex color **4A4C16** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18164C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7D7D44**, and **1C2000** is the 20% darker color. If you saturate the color by 10%, you get **4A4C0E**, and if you desaturate by 10%, it is **4A4C1E**.

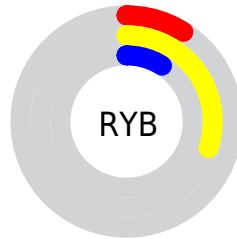
Distribution



Red (29%)

Green (30%)

Blue (9%)



Red (9%)

Yellow (30%)

Blue (9%)

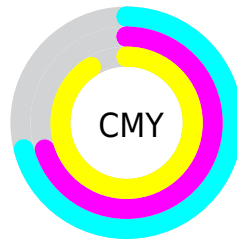


Cyan (3%)

Magenta (0%)

Yellow (71%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4C16 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 4A4C16 by changing the saturation by 10% instead.



4A4C16



4A4C16

FFFFFF



333500



7D7D44



1C2000



97965D



000700



B2B176



000000



CECD90



EBE9AA



FFFFC6



FFFFE2



4A4C16



4A4C16

■ 4A4C0E

■ 4A4C1E

■ 494C07

■ 4B4C25

■ 494C00

■ 4B4C2D

■ 4B4C34

■ 4B4C3C

■ 4C4C44

■ 4C4C4B

■ 4C4C53

■ 4D4C5A

Harmonies

Analogous

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



614417



4A4C16



2D5225

Triad

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



4A4C16



00546D



713556

Complementary

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



4A4C16



18164C

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.



5C3D6C



4A4C16



004F79

Square

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



4A4C16



005556



364779



77333D

Rectangle

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



4A4C16



0F5434



364779



6C375E

Sweetspot

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



4A4C16



63634F



4C1816



333326



B3B3B3



333333

Same Dimension

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



4A4C16



60630F



2F4C16



262622



626600



DDE600

Inverse Universe

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



18164C



120F63



33164C



232226



040066



0900E6

Previews

White Background



This preview shows how the Hex color 4A4C16 looks on a white background.

Color Contrast Check

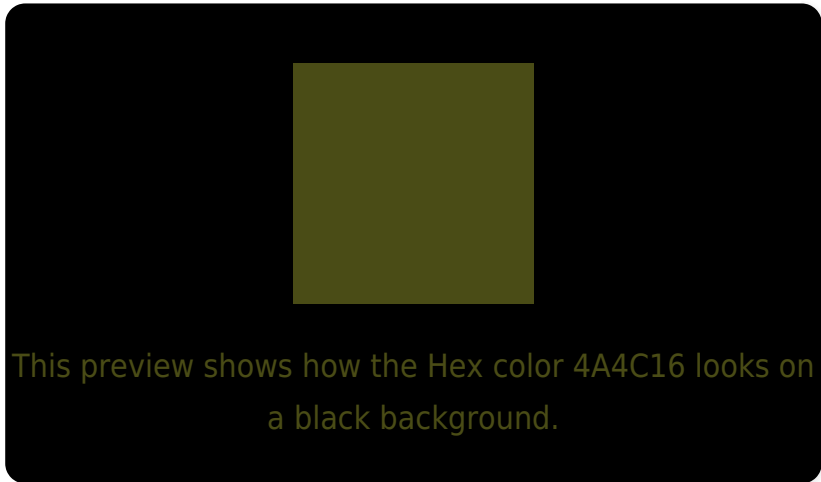
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

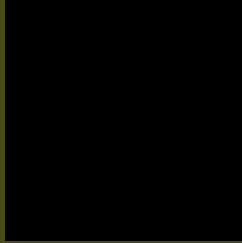
Any Text WCAG AA × Fail

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 4A4C16 Background



This preview shows how black text looks on a background with the Hex color 4A4C16.



This preview shows how white text looks on a background with the Hex color 4A4C16.

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
4A4C16

Protanopia
524915

Deuteranopia
5C4619



Tritanopia
4F474D

Trichromacy



Original Color
4A4C16

Protanomaly
4F4A15

Deuteranomaly
554818

Tritanomaly
4D4939

Monochromacy



Original Color
4A4C16

Achromatopsia
454545

Achromatomaly
474834

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4C16 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 #4A4C16 looks like.

```
.text, #text, p{  
    color:#4A4C16  
}
```

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 #4A4C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4C16
}
```

Border

The CSS property to change the border of an element to Hex 4A4C16 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
#4A4C16 }
```

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

```
.border{ border-color:#4A4C16 }
```

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

Here you see how a box with a 4 pixel #4A4C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4C16; -webkit-box-shadow:4px 4px  
4px 4px #4A4C16; box-shadow:4px 4px 4px  
4px #4A4C16 }
```

Background

The CSS property to change the background color of an element to Hex 4A4C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4C16 }
```

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

```
.background{ background-color:#4A4C16 }
```

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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