

Converting Colors

Hex(4A5116)

Have a look what the booklet for
Hex(4A5116) contains.

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Color

Hex(4A5116)

Conversions

Conversions Part 1

Format	Color
Hex	4A5116
RGB	74, 81, 22
RGB Percent	29%, 32%, 9%
CMY	0.7098, 0.6824, 0.9137
CMYK	0.09, 0.00, 0.73, 0.68
HSL	67°, 57%, 20%
HSV	67°, 73%, 32%
XYZ	5.9113, 7.3986, 1.8756
YIQ	72.1810, 14.7670, -19.8330

Conversions

Conversions Part 2

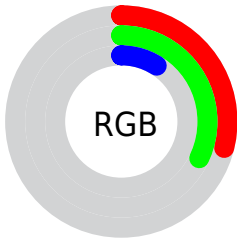
Format	Color
R_{YB}	22, 81, 29
Decimal	4870422
CIE _{Lab}	32.70, -11.80, 32.31
CIE _{LCh}	33, 34.398, 110.069
Yxy	7.3986, 0.3893, 0.4872
Android (android.graphics.Color)	4283060502 (0xFF4A5116)
YUV	72.1810, -24.7392, 1.5953
Hunter-Lab	27.2004, -8.8085, 14.9520

Details

The Hex color **4A5116** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1D1651**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7D8245**, and **1B2500** is the 20% darker color. If you saturate the color by 10%, you get **49510E**, and if you desaturate by 10%, it is **4B511E**.

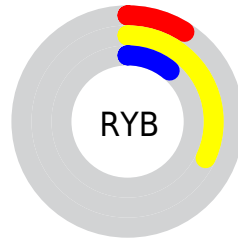
Distribution



 Red (29%)

 Green (32%)

 Blue (9%)



 Red (9%)

 Yellow (32%)

 Blue (11%)

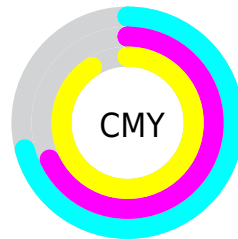


 Cyan (9%)

 Magenta (0%)

 Yellow (73%)

 Black (68%)



 Cyan (71%)

 Magenta (68%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5116 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 4A5116 by changing the saturation by 10% instead.



4A5116



4A5116

FFFFFF



323A00



7D8245



1B2500



979C5D



001100



B2B776



000000



CED391



EBEFAB



FFFFC7



FFFFE3



4A5116



4A5116

■ 49510E

■ 4B511E

■ 485106

■ 4C5126

■ 475100

■ 4D512E

■ 4E5136

■ 4F513F

■ 505147

■ 51514F

■ 525157

■ 53515F

Harmonies

Analogous

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



634814



4A5116



295728

Triad

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



4A5116



005876



7A3557

Complementary

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



4A5116



1D1651

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.



653E70



4A5116



005382

Square

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



4A5116



005A5F



3E4980



7F353C

Rectangle

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



4A5116



005939



3E4980



753860

Sweetspot

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



4A5116



666952



511D16



343628



B5B5B5



363636

Same Dimension

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



4A5116



5E690E



2D5116



282925



5C6900



CDE800

Inverse Universe

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



1D1651



180E69



3A1651



252529



0C0069



1C00E8

Previews

White Background



This preview shows how the Hex color 4A5116 looks on a white background.

Color Contrast Check

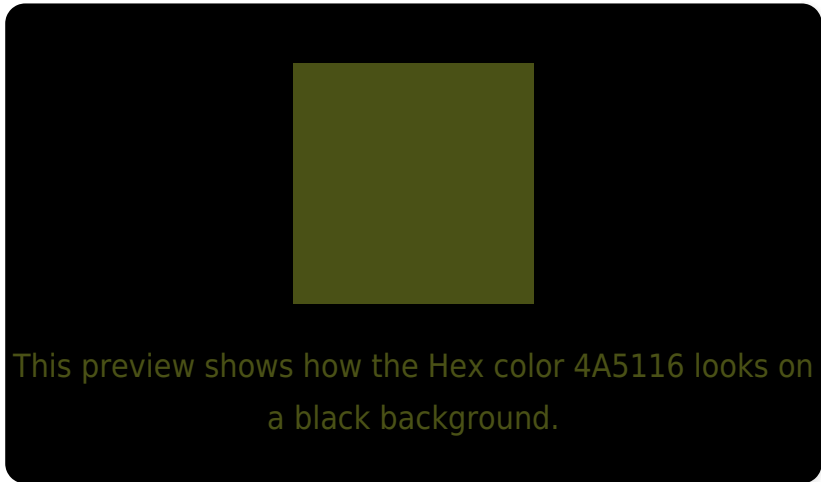
Large Text (above 18pt) WCAG AA ✓ Pass

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

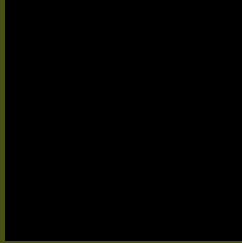
Any Text WCAG AA × Fail

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 4A5116 Background



This preview shows how black text looks on a background with the Hex color 4A5116.



This preview shows how white text looks on a background with the Hex color 4A5116.

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
4A5116

Protanopia
564D15

Deuteranopia
604919



Tritanopia
504C52

Trichromacy



Original Color
4A5116

Protanomaly
524E15

Deuteranomaly
584C18

Tritanomaly
4E4E3C

Monochromacy



Original Color
4A5116

Achromatopsia
484848

Achromatomaly
494B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5116 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 #4A5116 looks like.

```
.text, #text, p{  
    color:#4A5116  
}
```

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 #4A5116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5116
}
```

Border

The CSS property to change the border of an element to Hex 4A5116 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
#4A5116 }
```

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

```
.border{ border-color:#4A5116 }
```

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

Here you see how a box with a 4 pixel #4A5116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5116; -webkit-box-shadow:4px 4px  
4px 4px #4A5116; box-shadow:4px 4px 4px  
4px #4A5116 }
```

Background

The CSS property to change the background color of an element to Hex 4A5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5116 }
```

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

```
.background{ background-color:#4A5116 }
```

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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