

Converting Colors

Hex(4A7238)

Have a look what the booklet for
Hex(4A7238) contains.

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Color

Hex(4A7238)

Conversions

Conversions Part 1

Format	Color
Hex	4A7238
RGB	74, 114, 56
RGB Percent	29%, 45%, 22%
CMY	0.7098, 0.5529, 0.7804
CMYK	0.35, 0.00, 0.51, 0.55
HSL	101°, 34%, 33%
HSV	101°, 51%, 45%
XYZ	9.5552, 13.7760, 5.8968
YIQ	95.4280, -5.2220, -26.5180

Conversions

Conversions Part 2

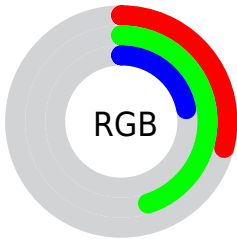
Format	Color
RYB	56, 114, 96
Decimal	4878904
CIELab	43.91, -25.74, 27.62
CIELCh	44, 37.760, 132.981
Yxy	13.7760, 0.3269, 0.4713
Android (android.graphics.Color)	4283068984 (0xFF4A7238)
YUV	95.4280, -19.4380, -18.7924
Hunter-Lab	37.1160, -19.0000, 16.5615

Details

The Hex color **4A7238** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **603872**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7DA668**, and **19420A** is the 20% darker color. If you saturate the color by 10%, you get **42722D**, and if you desaturate by 10%, it is **527243**.

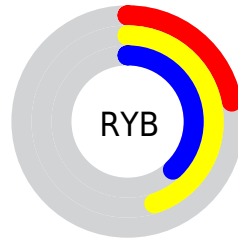
Distribution



Red (29%)

Green (45%)

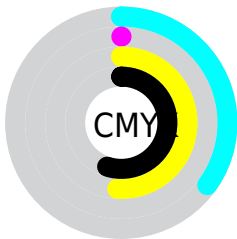
Blue (22%)



Red (22%)

Yellow (45%)

Blue (38%)

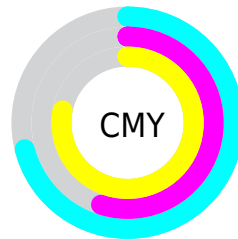


Cyan (35%)

Magenta (0%)

Yellow (51%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7238 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 4A7238 by changing the saturation by 10% instead.



4A7238



4A7238

FFFFFF



325921



7DA668



19420A



97C182



022B00



B3DD9C



001600



CEFAB7



000000



EBFFD3



FFFFEF



4A7238



4A7238



42722D



527243

 3A7221

 5A724F


 327216

 62725A

 2B720A

 697266


 237200

 717271

 79727C

 817288

 897293

 91729F

Harmonies

Analogous

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



6D6A28



4A7238



107654

Triad

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



4A7238



0070A3



A24D5B

Complementary

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



4A7238



603872

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.



984F7B



4A7238



4A66A5

Square

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



4A7238



007692



7C5A96



9C543E

Rectangle

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



4A7238



00776A



7C5A96



A14D66

Sweetspot

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



4A7238



85947E



726038



414A3D



C9C9C9



4A4A4A

Same Dimension

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



4A7238



56943A



387243



343832



257800



4DF700

Inverse Universe

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



603872



783A94



723867



363238



530078



AB00F7

Previews

White Background



This preview shows how the Hex color 4A7238 looks on a white background.

Color Contrast Check

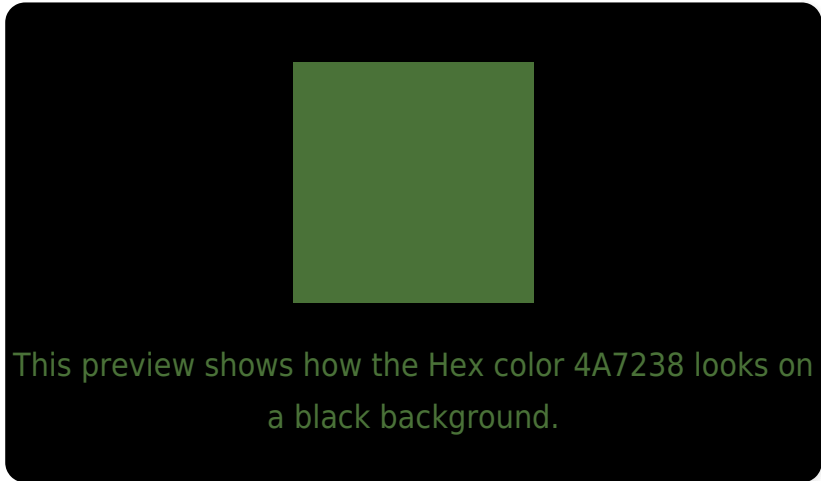
Large Text (above 18pt) WCAG AA ✓ Pass

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

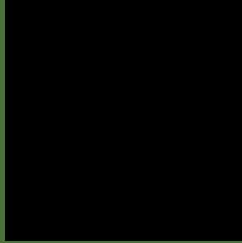
Any Text WCAG AA × Fail

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 4A7238 Background



This preview shows how black text looks on a background with the Hex color 4A7238.



This preview shows how white text looks on a background with the Hex color 4A7238.

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
4A7238

Protanopia
726834

Deuteranopia
7E633C



Tritanopia
546B74

Trichromacy



Original Color
4A7238

Protanomaly
636C35

Deuteranomaly
6B683B

Tritanomaly
506E5E

Monochromacy



Original Color
4A7238

Achromatopsia
5F5F5F

Achromatomaly
576651

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7238 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 #4A7238 looks like.

```
.text, #text, p{  
    color:#4A7238  
}
```

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 #4A7238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7238
}
```

Border

The CSS property to change the border of an element to Hex 4A7238 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".

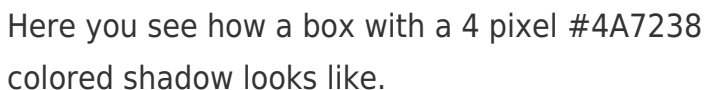
```
.border, #border, table{ border:4px solid
#4A7238 }
```

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

```
.border{ border-color:#4A7238 }
```

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

Here you see how a box with a 4 pixel #4A7238 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7238; -webkit-box-shadow:4px 4px  
4px 4px #4A7238; box-shadow:4px 4px 4px  
4px #4A7238 }
```

Background

The CSS property to change the background color of an element to Hex 4A7238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7238 }
```

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

```
.background{ background-color:#4A7238 }
```

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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