

Converting Colors

Hex(4A6A4A)

Have a look what the booklet for
Hex(4A6A4A) contains.

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Color

Hex(4A6A4A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4A6A4A |
| RGB | 74, 106, 74 |
| RGB Percent | 29%, 42%, 29% |
| CMY | 0.7098, 0.5843, 0.7098 |
| CMYK | 0.30, 0.00, 0.30, 0.58 |
| HSL | 120°, 18%, 35% |
| HSV | 120°, 30%, 42% |
| XYZ | 9.2141, 12.2583, 8.3590 |
| YIQ | 92.7840, -8.8000, -16.7360 |

Conversions

Conversions Part 2

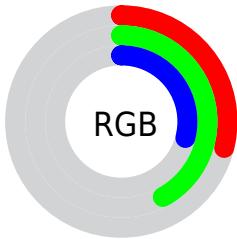
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 74, 106, 106 |
| Decimal | 4876874 |
| CIELab | 41.62, -18.69, 14.35 |
| CIELCh | 42, 23.562, 142.482 |
| Yxy | 12.2583, 0.3089, 0.4109 |
| Android (android.graphics.Color) | 4283066954 (0xFF4A6A4A) |
| YUV | 92.7840, -9.2605, -16.4736 |
| Hunter-Lab | 35.0119, -14.2948, 10.3529 |

Details

The Hex color **4A6A4A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A4A6A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7C9D7B**, and **1C3A1E** is the 20% darker color. If you saturate the color by 10%, you get **3F6A3F**, and if you desaturate by 10%, it is **556A55**.

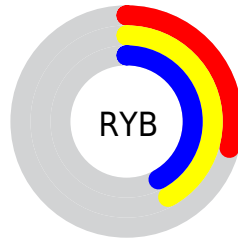
Distribution



 Red (29%)

 Green (42%)

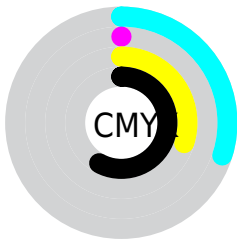
 Blue (29%)



 Red (29%)

 Yellow (42%)

 Blue (42%)

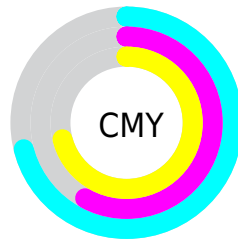


 Cyan (30%)

 Magenta (0%)

 Yellow (30%)

 Black (58%)



 Cyan (71%)

 Magenta (58%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6A4A 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 4A6A4A by changing the saturation by 10% instead.



4A6A4A



4A6A4A

FFFFFF



335233



7C9D7B



1C3A1E



96B895



072406



B1D4AF



000B00



CCF1CB



000000



E9FFE7



4A6A4A



4A6A4A



3F6A3F



556A55



356A35



5F6A5F

 2A6A2A

 6A6A6A

 206A20

 746A74

 156A15

 7F6A7F

 0A6A0A

 8A6A8A

 006A00

 946A94

 9F6A9F

 A96AA9

Harmonies

Analogous

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



60663E



4A6A4A



326C5C

Triad

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



4A6A4A



3F6688



885454

Complementary

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



4A6A4A



6A4A6A

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.



855468



4A6A4A



5E5F86

Square

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



4A6A4A



226A80



76587A



825944

Rectangle

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



4A6A4A



226D6A



76587A



88535B

Sweetspot

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



4A6A4A



7D8A7D



6A6A4A



3D453D



C4C4C4



454545

Same Dimension

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



4A6A4A



588A58



4A6A5A



303630



007500



00F500

Inverse Universe

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



6A4A6A



8A588A



6A4A5A



363036



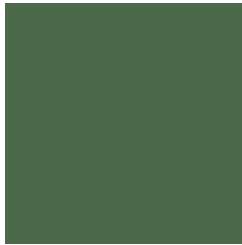
750075



F500F5

Previews

White Background



This preview shows how the Hex color 4A6A4A looks on a white background.

Color Contrast Check

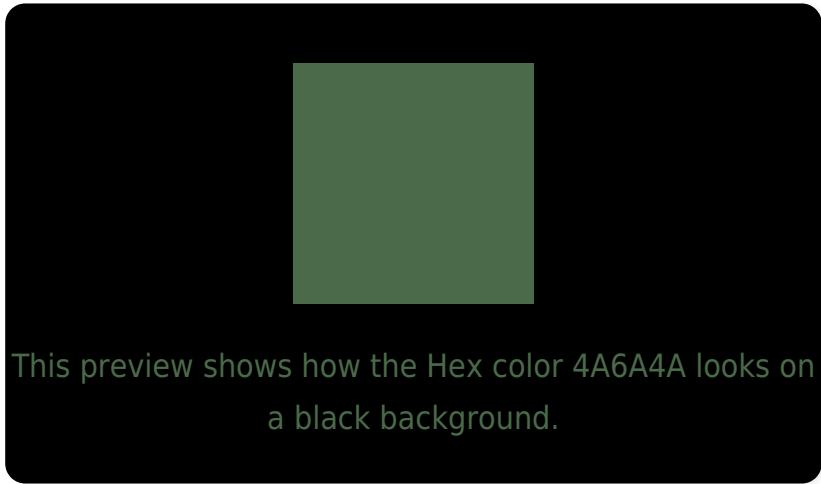
Large Text (above 18pt) WCAG AA ✓ Pass

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

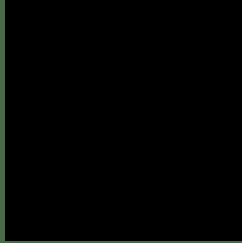
Any Text WCAG AA × Fail

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 4A6A4A Background



This preview shows how black text looks on a background with the Hex color 4A6A4A.



This preview shows how white text looks on a background with the Hex color 4A6A4A.

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

4A6A4A

Protanopia

696246

Deuteranopia

725E4D



Tritanopia
50656E

Trichromacy



Original Color
4A6A4A

Protanomaly
5E6547

Deuteranomaly
63624C

Tritanomaly
4E6761

Monochromacy



Original Color
4A6A4A

Achromatopsia
5D5D5D

Achromatomaly
566256

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6A4A 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 #4A6A4A looks like.

```
.text, #text, p{  
    color:#4A6A4A  
}
```

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 #4A6A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6A4A
}
```

Border

The CSS property to change the border of an element to Hex 4A6A4A 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
#4A6A4A }
```

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

```
.border{ border-color:#4A6A4A }
```

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

Here you see how a box with a 4 pixel #4A6A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6A4A; -webkit-box-shadow:4px 4px  
4px 4px #4A6A4A; box-shadow:4px 4px 4px  
4px #4A6A4A }
```

Background

The CSS property to change the background color of an element to Hex 4A6A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6A4A }
```

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

```
.background{ background-color:#4A6A4A }
```

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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