

# Converting Colors

Hex(A46A5A)

Have a look what the booklet for  
Hex(A46A5A) contains.

<b>Hex(A46A5A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A46A5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46A5A
RGB	164, 106, 90
RGB Percent	64%, 42%, 35%
CMY	0.3569, 0.5843, 0.6471
CMYK	0.00, 0.35, 0.45, 0.36
HSL	13°, 29%, 50%
HSV	13°, 45%, 64%
XYZ	22.3093, 18.9388, 12.1526
YIQ	121.5180, 39.7040, 7.3200

# Conversions

## Conversions Part 2

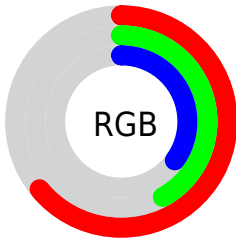
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 110, 90
Decimal	10775130
CIELab	50.62, 21.29, 18.56
CIElCh	51, 28.246, 41.079
Yxy	18.9388, 0.4178, 0.3547
Android (android.graphics.Color)	4288965210 (0xFFA46A5A)
YUV	121.5180, -15.5384, 37.2567
Hunter-Lab	43.5187, 15.3482, 13.9064

# Details

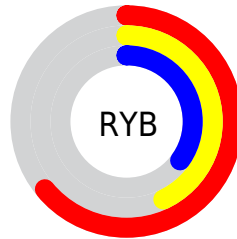
The Hex color **A46A5A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5A94A4**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **DD9E8C**, and **6E3A2C** is the 20% darker color. If you saturate the color by 10%, you get **A45D4A**, and if you desaturate by 10%, it is **A4776A**.

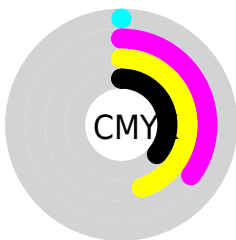
# Distribution



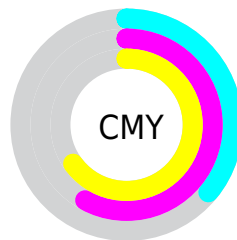
- Red (64%)
- Green (42%)
- Blue (35%)



- Red (64%)
- Yellow (43%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A46A5A 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 A46A5A by changing the saturation by 10% instead.



 A46A5A

 A46A5A

FFFFFF

 885142

 DD9E8C

 6E3A2C

 FAB9A7

 532317

 FFD5C2

 3B0D00

 FFF1DE

 240001

 FFFFFA

 000000

 A46A5A

 A46A5A

 A45D4A

 A4776A

 A45039

 A4847B

 A44329

 A4918B

 A43718

 A49D9C

 A42A08

 A4AAAC

 A42300

 A4B7BC

 A4C4CD

 A4D1DD

 A4DEEE

# Harmonies

## Analogous

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



A86670



A46A5A



96724B

# Triad

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



A46A5A



488468



6578A7

# Complementary

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



A46A5A



5A94A4

# 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.



3C7FA5



A46A5A



288581

# Square

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



A46A5A



658053



1B8497



876F9D

# Rectangle

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



A46A5A



887748



1B8497



587BA8



# Sweetspot

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



A46A5A



D6BFB8



A45A95



6B5D59



EBEBEB



6B6B6B



# Same Dimension

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



A46A5A



D67C63



A48E5A



524B49



911F00



120400



# Inverse Universe

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



5A94A4



63BDD6



5A70A4



495052



007291



000E12



# Previews

## White Background



This preview shows how the Hex color A46A5A looks on a white background.

## Color Contrast Check

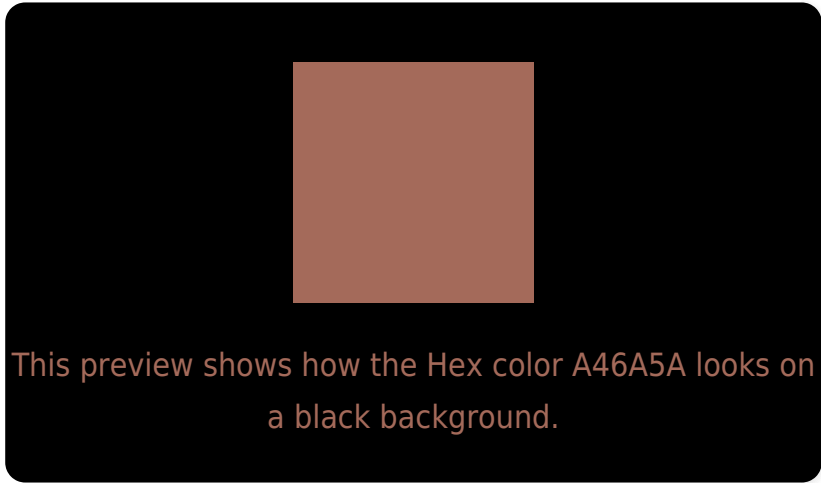
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

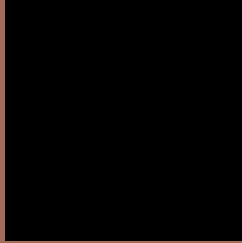
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A46A5A Background



This preview shows how black text looks on a background with the Hex color A46A5A.



This preview shows how white text looks on a background with the Hex color A46A5A.

# 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**  
A46A5A

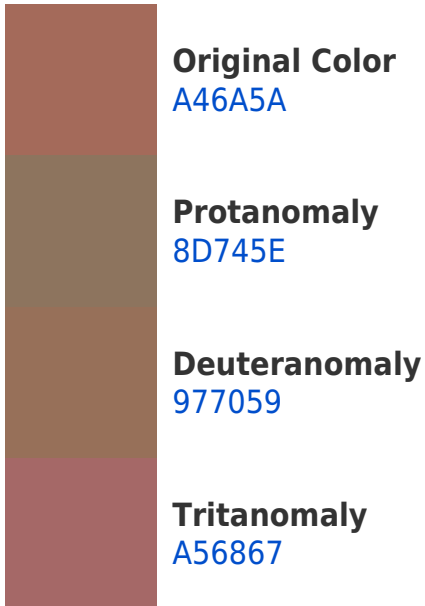
**Protanopia**  
807961

**Deuteranopia**  
8F7458

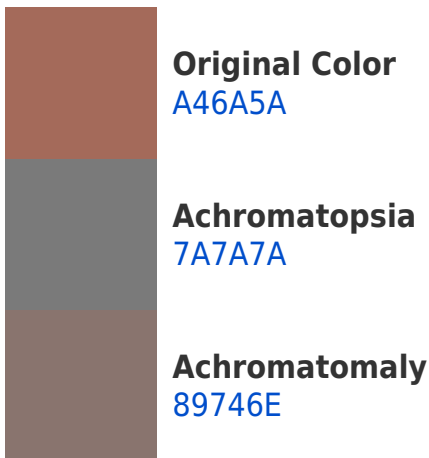


**Tritanopia**  
A6676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A46A5A 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 #A46A5A looks like.

```
.text, #text, p{  
    color:#A46A5A  
}
```

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 #A46A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46A5A
}
```

## Border

The CSS property to change the border of an element to Hex A46A5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

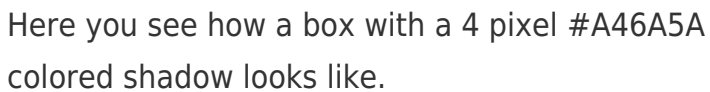
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A46A5A }
```

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

```
.border{ border-color:#A46A5A }
```

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



Here you see how a box with a 4 pixel #A46A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46A5A; -webkit-box-shadow:4px 4px  
4px 4px #A46A5A; box-shadow:4px 4px 4px  
4px #A46A5A }
```

# Background

The CSS property to change the background color of an element to Hex A46A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46A5A }
```

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

```
.background{ background-color:#A46A5A }
```

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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