

# Converting Colors

Hex(A46C57)

Have a look what the booklet for  
Hex(A46C57) contains.

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**Color**

**Hex(A46C57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46C57
RGB	164, 108, 87
RGB Percent	64%, 42%, 34%
CMY	0.3569, 0.5765, 0.6588
CMYK	0.00, 0.34, 0.47, 0.36
HSL	16°, 31%, 49%
HSV	16°, 47%, 64%
XYZ	22.3927, 19.3058, 11.5630
YIQ	122.3500, 40.1170, 5.3410

# Conversions

## Conversions Part 2

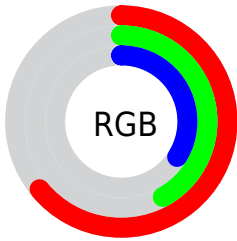
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 116, 87</a>
Decimal	<a href="#">10775639</a>
<a href="#">CIELab</a>	<a href="#">51.04, 19.83, 20.88</a>
<a href="#">CIElCh</a>	<a href="#">51, 28.798, 46.475</a>
<a href="#">Yxy</a>	<a href="#">19.3058, 0.4204, 0.3625</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288965719 (0xFFA46C57)</a>
<a href="#">YUV</a>	<a href="#">122.3500, -17.4275, 36.5271</a>
<a href="#">Hunter-Lab</a>	<a href="#">43.9383, 14.0786, 15.1538</a>

# Details

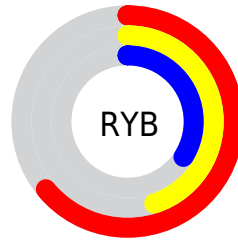
The Hex color **A46C57** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **578FA4**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **DDA089**, and **6E3C29** is the 20% darker color. If you saturate the color by 10%, you get **A46047**, and if you desaturate by 10%, it is **A47867**.

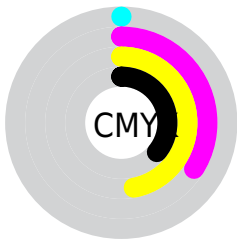
# Distribution



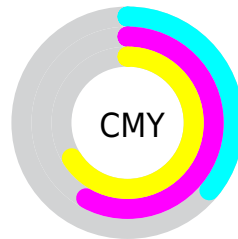
- Red (64%)
- Green (42%)
- Blue (34%)



- Red (64%)
- Yellow (45%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (47%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A46C57 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 A46C57 by changing the saturation by 10% instead.



 A46C57

 A46C57

FFFFFF

 885340

 DDA089

 6E3C29

 FABBA3

 532514

 FFD7BE

 3B1000

 FFF3DA

 240000

 FFFFF7


 000000

 A46C57

 A46C57

 A46047

 A47867

 A45436

 A48478

 A44826

 A49088

 A43C15

 A49C99

 A43005

 A4A8A9

 A42D00

 A4B4B9

 A4BFCA

 A4CBDA

 A4D7EB

# Harmonies

## Analogous

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



AA676D



A46C57



94744A

# Triad

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



A46C57



42866D



6C77A9

# Complementary

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



A46C57



578FA4

# 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.



437FA9



A46C57



208787

# Square

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



A46C57



618357



1B859C



8D6E9C

# Rectangle

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



A46C57



857A48



1B859C



5F7AAA



# Sweetspot

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



A46C57



D6C0B8



A4578F



6B5E59



EBEBEB



6B6B6B



# Same Dimension

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



A46C57



D67F5E



A49257



524C49



912800



120500



# Inverse Universe

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



578FA4



5EB5D6



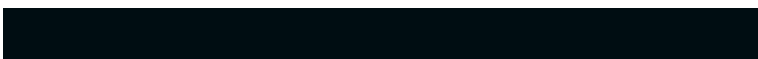
5769A4



494F52



006A91



000D12



# Previews

## White Background



This preview shows how the Hex color A46C57 looks on a white background.

## Color Contrast Check

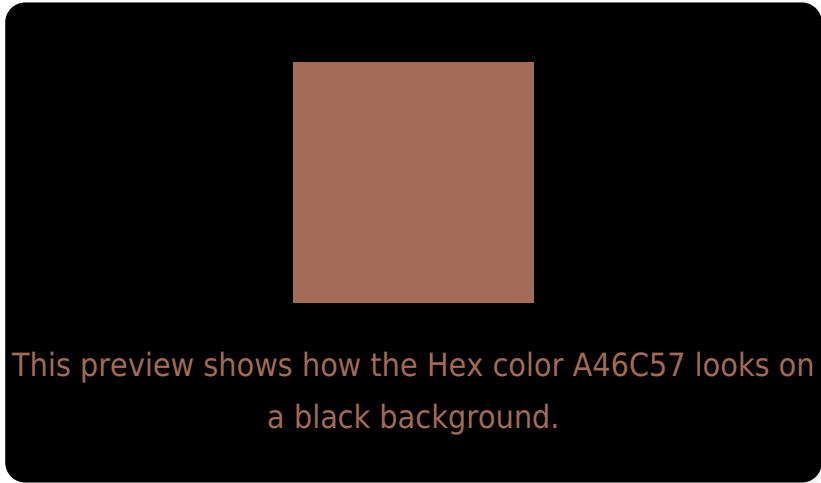
Large Text (above 18pt) WCAG AA ✓ Pass

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

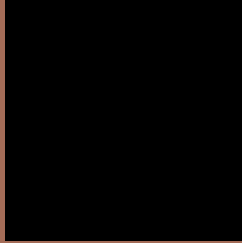
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A46C57 Background



This preview shows how black text looks on a background with the Hex color A46C57.

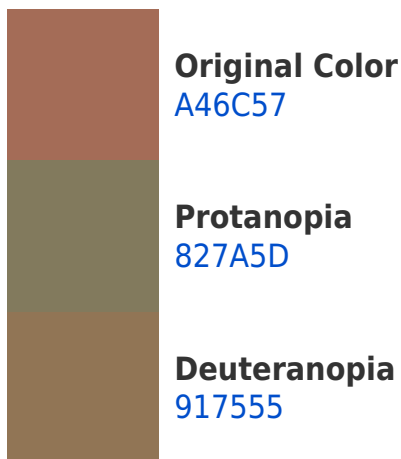


This preview shows how white text looks on a background with the Hex color A46C57.

# 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





**Tritanopia**  
A66970

# Trichromacy



**Original Color**  
A46C57

**Protanomaly**  
8E755B

**Deuteranomaly**  
987256

**Tritanomaly**  
A56A67

# Monochromacy



**Original Color**  
A46C57

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
89756D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A46C57 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 #A46C57 looks like.

```
.text, #text, p{  
    color:#A46C57  
}
```

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 #A46C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46C57
}
```

## Border

The CSS property to change the border of an element to Hex A46C57 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".

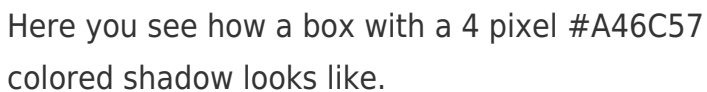
```
.border, #border, table{ border:4px solid
#A46C57 }
```

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

```
.border{ border-color:#A46C57 }
```

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

Here you see how a box with a 4 pixel #A46C57 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46C57; -webkit-box-shadow:4px 4px  
4px 4px #A46C57; box-shadow:4px 4px 4px  
4px #A46C57 }
```

# Background

The CSS property to change the background color of an element to Hex A46C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46C57 }
```

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

```
.background{ background-color:#A46C57 }
```

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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