

# Converting Colors

Hex(A46951)

Have a look what the booklet for  
Hex(A46951) contains.

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**Color**

**Hex(A46951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46951
RGB	164, 105, 81
RGB Percent	64%, 41%, 32%
CMY	0.3569, 0.5882, 0.6824
CMYK	0.00, 0.36, 0.51, 0.36
HSL	17°, 34%, 48%
HSV	17°, 51%, 64%
XYZ	21.8466, 18.5897, 10.2213
YIQ	119.9050, 42.8680, 5.0440

# Conversions

## Conversions Part 2

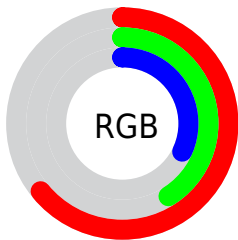
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 115, 81
Decimal	10774865
CIELab	50.20, 20.92, 23.25
CIElCh	50, 31.274, 48.019
Yxy	18.5897, 0.4313, 0.3670
Android (android.graphics.Color)	4288964945 (0xFFA46951)
YUV	119.9050, -19.1802, 38.6713
Hunter-Lab	43.1158, 14.9926, 16.1254

# Details

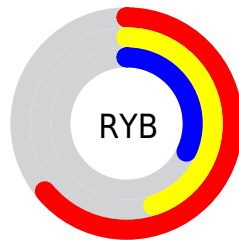
The Hex color **A46951** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **518CA4**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **DD9D83**, and **6D3924** is the 20% darker color. If you saturate the color by 10%, you get **A45D41**, and if you desaturate by 10%, it is **A47561**.

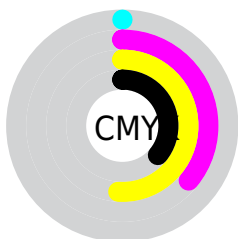
# Distribution



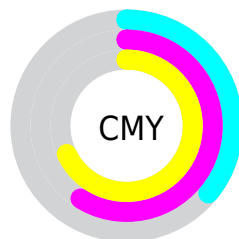
- Red (64%)
- Green (41%)
- Blue (32%)



- Red (64%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (51%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A46951 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 A46951 by changing the saturation by 10% instead.



 A46951

 A46951

FFFFFF

 88513A

 DD9D83

 6D3924

 FBB89D

 53230F

 FFD3B8

 390D00

 FFF0D3

 230001

 FFFFF0

 000000

 A46951

 A46951

 A45D41

 A47561

 A45230

 A48072

 A44620

 A48C82

 A43A0F

 A49893

 A42F00

 A4A3A3

 A4AFB3

 A4BBC4

 A4C6D4

 A4D2E5

# Harmonies

## Analogous

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



AB6368



A46951



927243

# Triad

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



A46951



36856C



6A75AA

# Complementary

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



A46951



518CA4

# 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.



3A7DAB



A46951



008587

# Square

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



A46951



5A8153



00839E



8E6B9B

# Rectangle

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



A46951



827842



00839E



5C78AC



# Sweetspot

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



A46951



D6BFB6



A4518C



6B5D58



EBEBEB



6B6B6B



# Same Dimension

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



A46951



D67954



A49251



524C49



912A00



120500



# Inverse Universe

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



518CA4



54B0D6



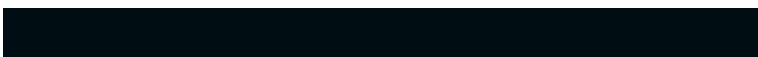
5163A4



494F52



006791



000D12



# Previews

## White Background



This preview shows how the Hex color A46951 looks on a white background.

## Color Contrast Check

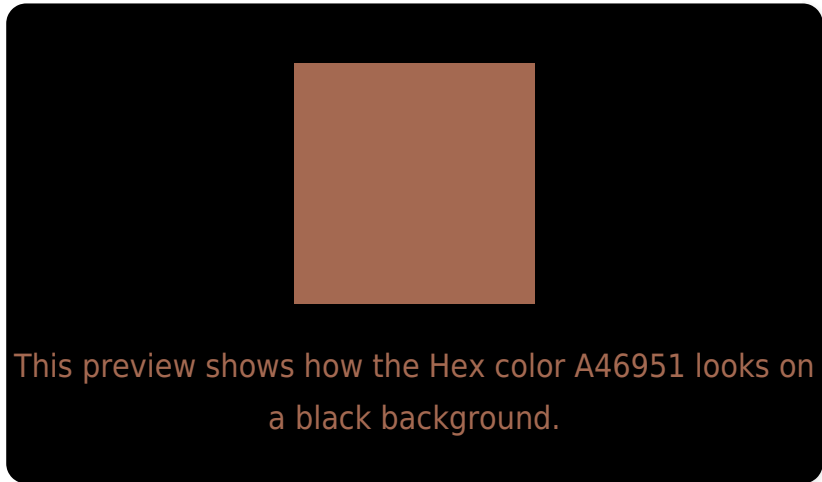
Large Text (above 18pt) WCAG AA ✓ Pass

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

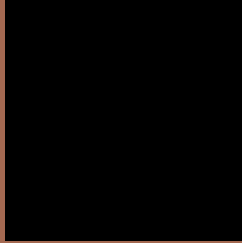
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A46951 Background



This preview shows how black text looks on a background with the Hex color A46951.



This preview shows how white text looks on a background with the Hex color A46951.

# 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**  
A46951

**Protanopia**  
817857

**Deuteranopia**  
90734F

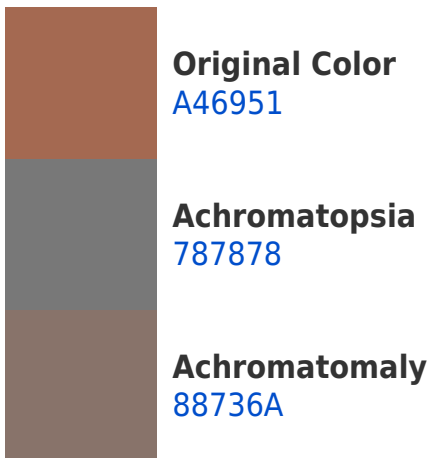


**Tritanopia**  
A6656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A46951 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 #A46951 looks like.

```
.text, #text, p{  
    color:#A46951  
}
```

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 #A46951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46951
}
```

## Border

The CSS property to change the border of an element to Hex A46951 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
#A46951 }
```

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

```
.border{ border-color:#A46951 }
```

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

Here you see how a box with a 4 pixel #A46951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46951; -webkit-box-shadow:4px 4px  
4px 4px #A46951; box-shadow:4px 4px 4px  
4px #A46951 }
```

# Background

The CSS property to change the background color of an element to Hex A46951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46951 }
```

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

```
.background{ background-color:#A46951 }
```

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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