

# Converting Colors

Hex(A46228)

Have a look what the booklet for  
Hex(A46228) contains.

<b>Hex(A46228)</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(A46228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46228
RGB	164, 98, 40
RGB Percent	64%, 38%, 16%
CMY	0.3569, 0.6157, 0.8431
CMYK	0.00, 0.40, 0.76, 0.36
HSL	28°, 61%, 40%
HSV	28°, 76%, 64%
XYZ	20.0605, 16.7811, 4.1892
YIQ	111.1220, 57.9540, -4.0460

# Conversions

## Conversions Part 2

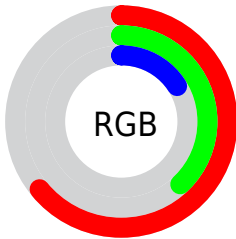
Format	Color
<a href="#">RYB</a>	<a href="#">164, 149, 40</a>
Decimal	<a href="#">10773032</a>
CIELab	<a href="#">47.98, 21.91, 42.80</a>
CIElCh	<a href="#">48, 48.078, 62.894</a>
Yxy	<a href="#">16.7811, 0.4889, 0.4090</a>
Android (android.graphics.Color)	<a href="#">4288963112</a> ( <a href="#">0xFFA46228</a> )
YUV	<a href="#">111.1220, -35.0631, 46.3740</a>
Hunter-Lab	<a href="#">40.9647, 15.7237, 22.6120</a>

# Details

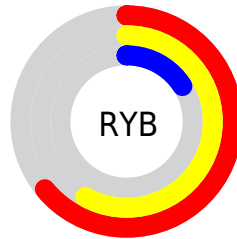
The Hex color **A46228** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **286AA4**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **DF9559**, and **6B3300** is the 20% darker color. If you saturate the color by 10%, you get **A45918**, and if you desaturate by 10%, it is **A46B38**.

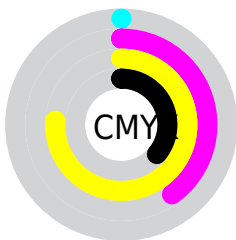
# Distribution



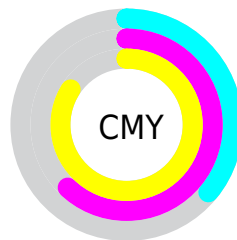
- Red (64%)
- Green (38%)
- Blue (16%)



- Red (64%)
- Yellow (58%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A46228 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 A46228 by changing the saturation by 10% instead.



 A46228

 A46228

FFFFFF

 874A0F

 DF9559

 6B3300

 FDB072

 4F1D00

 FFCB8C

 340700

 FFE8A7

 1A0001

 FFFFC3

 000000

 FFFFDF

 FFFFFC

 A46228

 A46228

 A45918

 A46B38

 A45107

 A47349

 A44D00

 A47C59

 A4856A

 A48E7A

 A4968A

 A49F9B

 A4A8AB

 A4B1BC

# Harmonies

## Analogous

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



B85248



A46228



847118

# Triad

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



A46228



008575



7865B6

# Complementary

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



A46228



286AA4

# 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.



0B75C3



A46228



00859D

# Square

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



A46228



14834B



0080BA



A65498

# Rectangle

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



A46228



697920



0080BA



616BBD



# Sweetspot

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



A46228



D6BCA5



A4286A



6B5B4D



EBEBEB



6B6B6B



# Same Dimension

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



A46228



D66E13



A4A028



524D49



914400



120800



# Inverse Universe

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



286AA4



137BD6



282CA4



494E52



004D91



000A12



# Previews

## White Background



This preview shows how the Hex color A46228 looks on a white background.

## Color Contrast Check

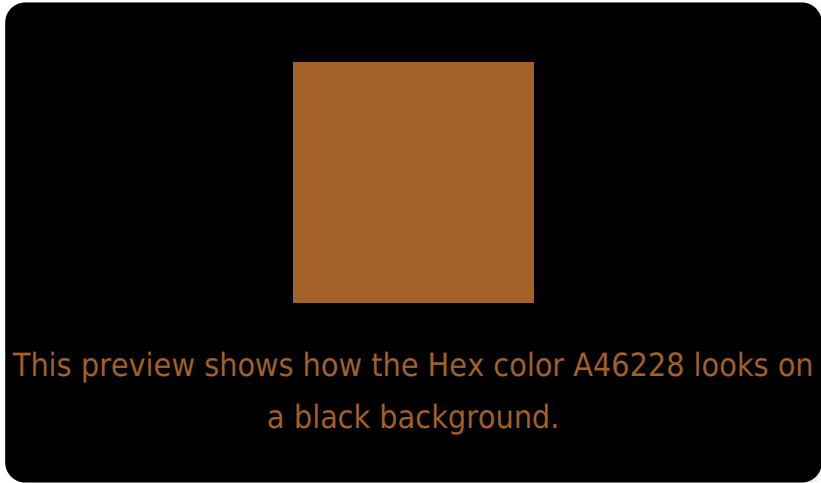
Large Text (above 18pt) WCAG AA ✓ Pass

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

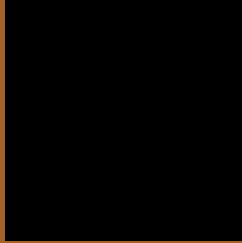
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A46228 Background



This preview shows how black text looks on a background with the Hex color A46228.



This preview shows how white text looks on a background with the Hex color A46228.

# 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**  
A46228

**Protanopia**  
80732D

**Deuteranopia**  
8F6D25

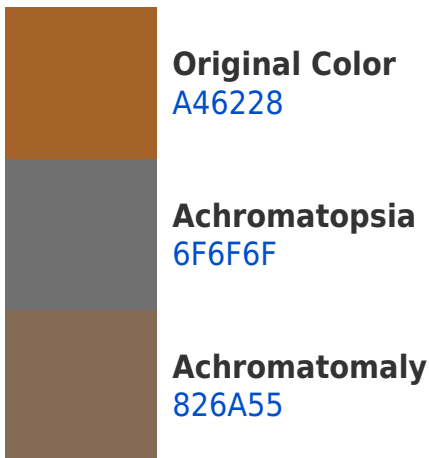


**Tritanopia**  
A75C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A46228 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 #A46228 looks like.

```
.text, #text, p{  
    color:#A46228  
}
```

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 #A46228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46228
}
```

## Border

The CSS property to change the border of an element to Hex A46228 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
#A46228 }
```

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

```
.border{ border-color:#A46228 }
```

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

Here you see how a box with a 4 pixel #A46228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46228; -webkit-box-shadow:4px 4px  
4px 4px #A46228; box-shadow:4px 4px 4px  
4px #A46228 }
```

# Background

The CSS property to change the background color of an element to Hex A46228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46228 }
```

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

```
.background{ background-color:#A46228 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor