

# Converting Colors

Hex(A74221)

Have a look what the booklet for  
Hex(A74221) contains.

<b>Hex(A74221)</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(A74221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A74221
RGB	167, 66, 33
RGB Percent	65%, 26%, 13%
CMY	0.3451, 0.7412, 0.8706
CMYK	0.00, 0.60, 0.80, 0.35
HSL	15°, 67%, 39%
HSV	15°, 80%, 65%
XYZ	18.1591, 12.2217, 2.8408
YIQ	92.4370, 70.7890, 11.1490

# Conversions

## Conversions Part 2

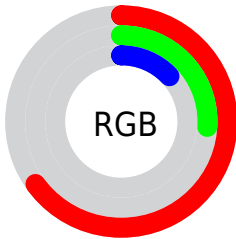
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 77, 33
Decimal	10961441
CIE <sub>Lab</sub>	41.57, 39.84, 39.93
CIE <sub>LCh</sub>	42, 56.412, 45.064
Yxy	12.2217, 0.5466, 0.3679
Android (android.graphics.Color)	4289151521 (0xFFA74221)
YUV	92.4370, -29.3024, 65.3918
Hunter-Lab	34.9596, 31.5391, 19.6539

# Details

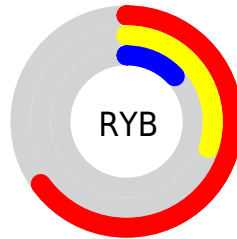
The Hex color **A74221** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2186A7**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E47550**, and **6C0B00** is the 20% darker color. If you saturate the color by 10%, you get **A73510**, and if you desaturate by 10%, it is **A74F32**.

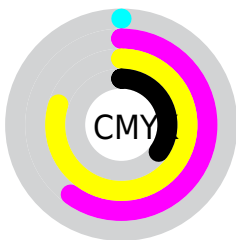
# Distribution



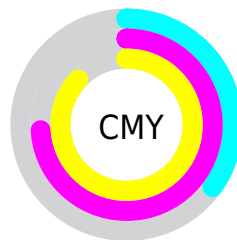
- Red (65%)
- Green (26%)
- Blue (13%)



- Red (65%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (74%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A74221 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 A74221 by changing the saturation by 10% instead.



 A74221

 A74221

FFFFFF

 892809

 E47550

 6C0B00

 FF9069

 4F0000

 FFAB82

 350001

 FFC79C

 090000

 FFE4B8

 000000

 FFFFD3

 FFFFF0

 A74221

 A74221

■ A73510

■ A74F32

■ A72900

■ A75B42

■ A76853

■ A77464

■ A78174

■ A78E85

■ A79A96

■ A7A7A7

■ A7B3B7

# Harmonies

## Analogous

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



B42F4D



A74221



8A5700

# Triad

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



A74221



007548



1E60BC

# Complementary

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



A74221



2186A7

# 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.



006EBC



A74221



007779

# Square

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



A74221



277118



0075A3



814AA4

# Rectangle

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



A74221



706300



0075A3



0065BF



# Sweetspot

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



A74221



D9B2A5



A72188



6E564E



EDEDED



6E6E6E



# Same Dimension

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



A74221



D93C09



A78321



544E4C



942400



140500



# Inverse Universe

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



2186A7



09A6D9



2145A7



4C5254



006F94



000F14



# Previews

## White Background



This preview shows how the Hex color A74221 looks on a white background.

## Color Contrast Check

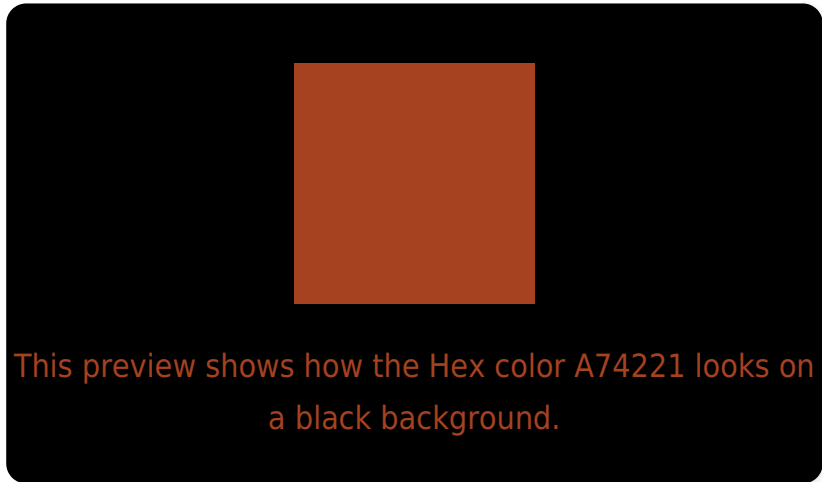
Large Text (above 18pt) WCAG AA ✓ Pass

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 A74221 Background



This preview shows how black text looks on a background with the Hex color A74221.



This preview shows how white text looks on a background with the Hex color A74221.

# 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**  
A74221

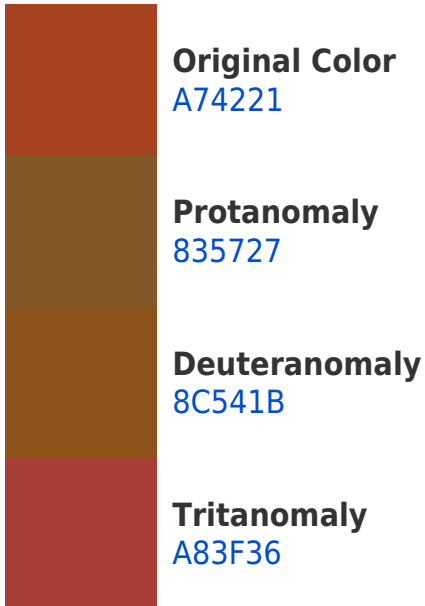
**Protanopia**  
6E632A

**Deuteranopia**  
7C5E18



**Tritanopia**  
A83E42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A74221 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 #A74221 looks like.

```
.text, #text, p{  
    color:#A74221  
}
```

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 #A74221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74221
}
```

## Border

The CSS property to change the border of an element to Hex A74221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

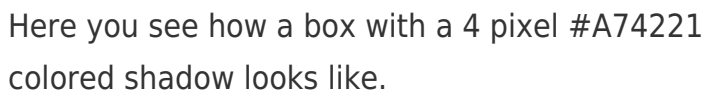
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A74221 }
```

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

```
.border{ border-color:#A74221 }
```

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



Here you see how a box with a 4 pixel #A74221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74221; -webkit-box-shadow:4px 4px  
4px 4px #A74221; box-shadow:4px 4px 4px  
4px #A74221 }
```

# Background

The CSS property to change the background color of an element to Hex A74221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74221 }
```

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

```
.background{ background-color:#A74221 }
```

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