

# Converting Colors

Hex(A2472A)

Have a look what the booklet for  
Hex(A2472A) contains.

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# Color

**Hex(A2472A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2472A
RGB	162, 71, 42
RGB Percent	64%, 28%, 16%
CMY	0.3647, 0.7216, 0.8353
CMYK	0.00, 0.56, 0.74, 0.36
HSL	15°, 59%, 40%
HSV	15°, 74%, 64%
XYZ	17.5714, 12.3550, 3.6491
YIQ	94.9030, 63.5450, 10.2730

# Conversions

## Conversions Part 2

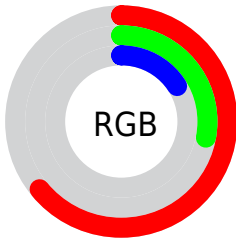
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 80, 42
Decimal	10635050
CIE <sub>Lab</sub>	41.77, 35.81, 35.13
CIE <sub>LCh</sub>	42, 50.161, 44.455
Yxy	12.3550, 0.5233, 0.3680
Android (android.graphics.Color)	4288825130 (0xFFA2472A)
YUV	94.9030, -26.0812, 58.8441
Hunter-Lab	35.1497, 27.7207, 18.4495

# Details

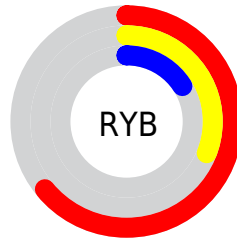
The Hex color **A2472A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A85A2**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **DE7A59**, and **681400** is the 20% darker color. If you saturate the color by 10%, you get **A23B1A**, and if you desaturate by 10%, it is **A2533A**.

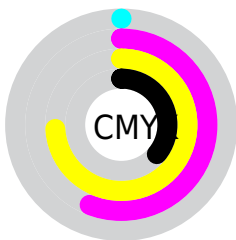
# Distribution



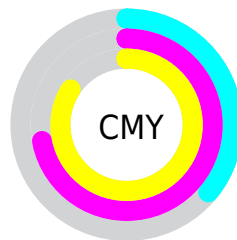
- Red (64%)
- Green (28%)
- Blue (16%)



- Red (64%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (56%)
- Yellow (74%)
- Black (36%)



- Cyan (36%)
- Magenta (72%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2472A 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 A2472A by changing the saturation by 10% instead.



 A2472A

 A2472A

FFFFFF

 852E14

 DE7A59

 681400

 FC9472

 4C0000

 FFB08B

 320001

 FFCCA6

 010000

 FFE8C1

 000000

 FFFFDD

 FFFFFA

 A2472A

 A2472A

 A23B1A

 A2533A

 A22E0A

 A2604A

 A22700

 A26C5B

 A2786B

 A2847B

 A2918B

 A29D9B

 A2A9AC

 A2B6BC

# Harmonies

## Analogous

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



AC3950



A2472A



885906

# Triad

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



A2472A



00744B



3161B3

# Complementary

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



A2472A



2A85A2

# 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.



006DB2



A2472A



007676

# Square

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



A2472A



337022



00749C



7E4E9E

# Rectangle

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



A2472A



716300



00749C



0065B5



# Sweetspot

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



A2472A



D4B0A5



A22A86



6B564F



EBEBEB



6B6B6B



# Same Dimension

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



A2472A



D44517



A2822A



524B49



912300



120400



# Inverse Universe

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



2A85A2



17A6D4



2A4AA2



495052



006E91

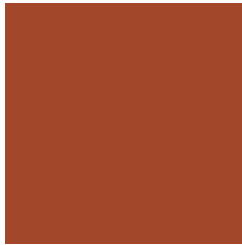


000E12



# Previews

## White Background



This preview shows how the Hex color A2472A looks on a white background.

### Color Contrast Check

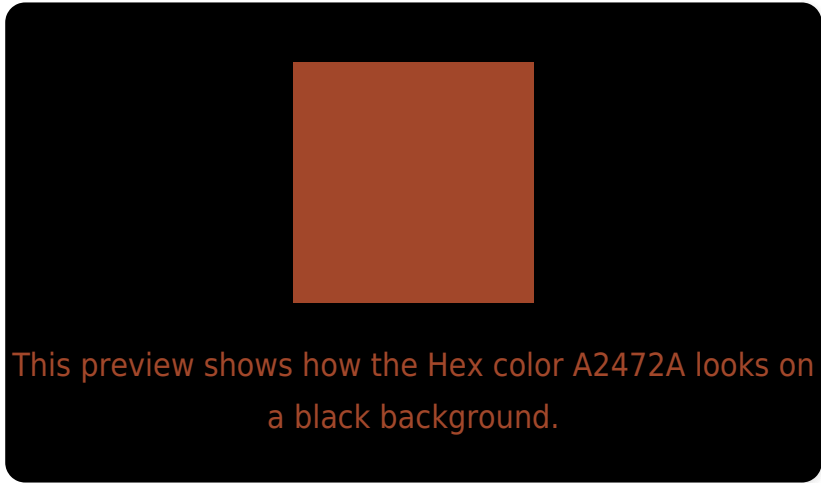
Large Text (above 18pt) WCAG AA ✓ Pass

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 A2472A Background



This preview shows how black text looks on a background with the Hex color A2472A.



This preview shows how white text looks on a background with the Hex color A2472A.

# 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**  
A2472A

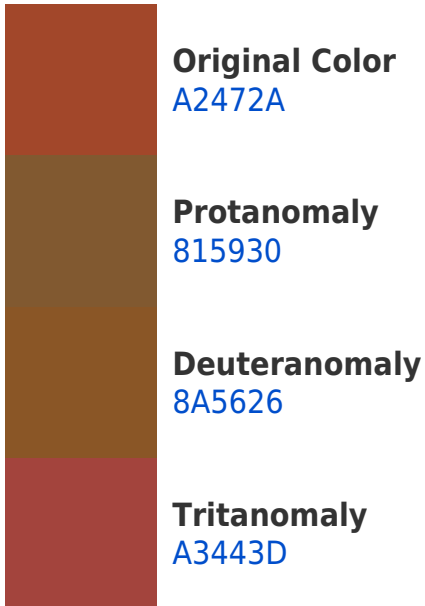
**Protanopia**  
6E6333

**Deuteranopia**  
7C5E24



**Tritanopia**  
A34348

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2472A 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 #A2472A looks like.

```
.text, #text, p{  
    color:#A2472A  
}
```

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 #A2472A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2472A  
}
```

## Border

The CSS property to change the border of an element to Hex A2472A is called "border". The border property can be set on classes, ids or directly on the HTML element.

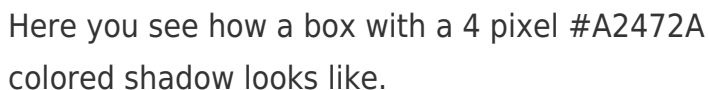
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A2472A }
```

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

```
.border{ border-color:#A2472A }
```

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



Here you see how a box with a 4 pixel #A2472A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2472A; -webkit-box-shadow:4px 4px  
4px 4px #A2472A; box-shadow:4px 4px 4px  
4px #A2472A }
```

# Background

The CSS property to change the background color of an element to Hex A2472A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2472A }
```

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

```
.background{ background-color:#A2472A }
```

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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