

# Converting Colors

Hex(A6472E)

Have a look what the booklet for  
Hex(A6472E) contains.

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# Color

**Hex(A6472E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6472E
RGB	166, 71, 46
RGB Percent	65%, 28%, 18%
CMY	0.3490, 0.7216, 0.8196
CMYK	0.00, 0.57, 0.72, 0.35
HSL	13°, 57%, 42%
HSV	13°, 72%, 65%
XYZ	18.4723, 12.8107, 4.0839
YIQ	96.5550, 64.6450, 12.3650

# Conversions

## Conversions Part 2

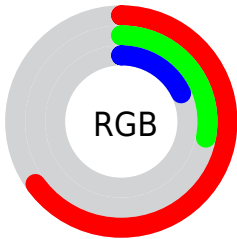
Format	Color
<a href="#">RYB</a>	166, 78, 46
Decimal	10897198
CIELab	42.48, 37.57, 33.87
CIElCh	42, 50.584, 42.041
Yxy	12.8107, 0.5223, 0.3622
Android (android.graphics.Color)	4289087278 (0xFFA6472E)
YUV	96.5550, -24.9236, 60.9033
Hunter-Lab	35.7921, 29.4876, 18.2894

# Details

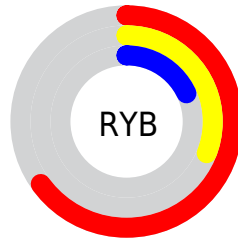
The Hex color **A6472E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E8DA6**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E27A5D**, and **6C1300** is the 20% darker color. If you saturate the color by 10%, you get **A63A1D**, and if you desaturate by 10%, it is **A6543F**.

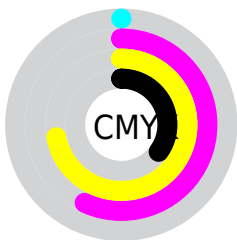
# Distribution



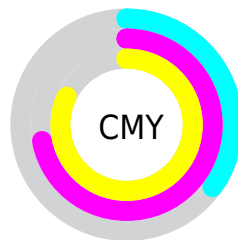
- Red (65%)
- Green (28%)
- Blue (18%)



- Red (65%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (72%)
- Black (35%)



- Cyan (35%)
- Magenta (72%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6472E 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 A6472E by changing the saturation by 10% instead.



 A6472E

 A6472E

FFFFFF

 892E18

 E27A5D

 6C1300

 FF9576

 4F0000

 FFB090

 350000

 FFCCAA

 0D0000

 FFE9C6

 000000

 FFFFE2

 A6472E

 A6472E

 A63A1D

 A6543F

 A62D0D

 A6614F

 A62300

 A66E60

 A67C70

 A68981

 A69692

 A6A3A2

 A6B0B3

 A6BDC3

# Harmonies

## Analogous

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



AF3A55



A6472E



8D590A

# Triad

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



A6472E



007649



2663B6

# Complementary

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



A6472E



2E8DA6

# 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.



0070B4



A6472E



007874

# Square

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



A6472E



3A7120



00769B



7B51A3

# Rectangle

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



A6472E



766300



00769B



0068B8



# Sweetspot

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



A6472E



D9B3A9



A62E8E



6E5751



EDEDED



6E6E6E



# Same Dimension

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



A6472E



D9431C



A6822E



544D4C



941F00



140400



# Inverse Universe

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



2E8DA6



1CB1D9



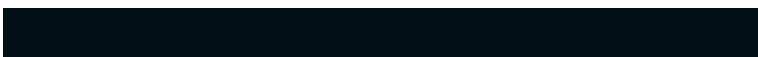
2E52A6



4C5254



007594



001014



# Previews

## White Background



This preview shows how the Hex color A6472E looks on a white background.

## Color Contrast Check

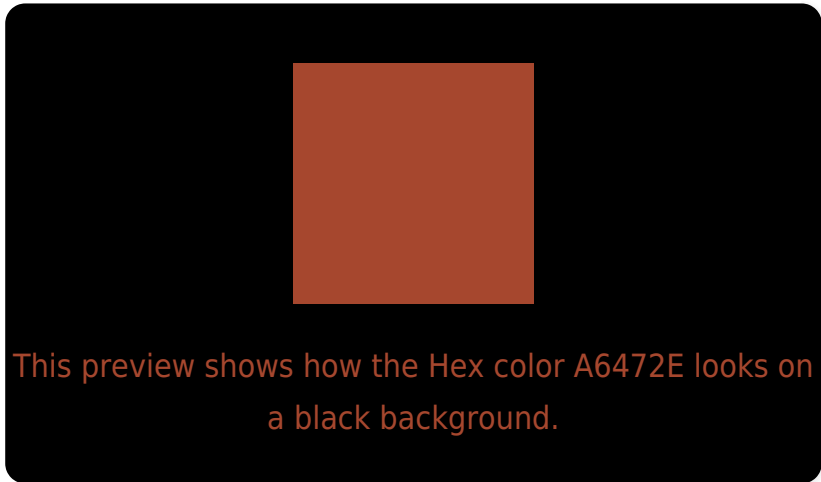
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6472E Background



This preview shows how black text looks on a background with the Hex color A6472E.



This preview shows how white text looks on a background with the Hex color A6472E.

# 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**  
A6472E

**Protanopia**  
6F6538

**Deuteranopia**  
7E6028



**Tritanopia**  
A74448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6472E 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 #A6472E looks like.

```
.text, #text, p{  
    color:#A6472E  
}
```

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 #A6472E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6472E
}
```

## Border

The CSS property to change the border of an element to Hex A6472E is called "border". The border property can be set on classes, ids or directly on the HTML element.

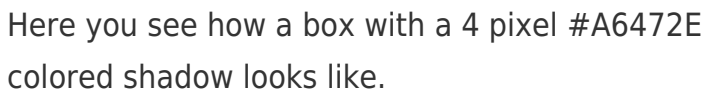
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6472E }
```

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

```
.border{ border-color:#A6472E }
```

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



Here you see how a box with a 4 pixel `#A6472E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6472E; -webkit-box-shadow:4px 4px  
4px 4px #A6472E; box-shadow:4px 4px 4px  
4px #A6472E }
```

# Background

The CSS property to change the background color of an element to Hex A6472E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6472E }
```

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

```
.background{ background-color:#A6472E }
```

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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