

# Converting Colors

Hex(A56422)

Have a look what the booklet for  
Hex(A56422) contains.

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**Color**

**Hex(A56422)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A56422
RGB	165, 100, 34
RGB Percent	65%, 39%, 13%
CMY	0.3529, 0.6078, 0.8667
CMYK	0.00, 0.39, 0.79, 0.35
HSL	30°, 66%, 39%
HSV	30°, 79%, 65%
XYZ	20.3630, 17.2292, 3.7657
YIQ	111.9110, 59.9260, -6.7460

# Conversions

## Conversions Part 2

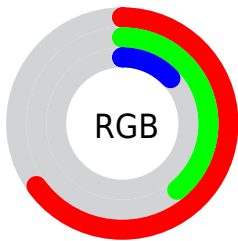
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">163, 165, 34</a>
Decimal	<a href="#">10839074</a>
CIELab	<a href="#">48.55, 20.96, 46.13</a>
CIELCh	<a href="#">49, 50.667, 65.562</a>
Yxy	<a href="#">17.2292, 0.4924, 0.4166</a>
Android (android.graphics.Color)	<a href="#">4289029154 (0xFFA56422)</a>
YUV	<a href="#">111.9110, -38.4101, 46.5591</a>
Hunter-Lab	<a href="#">41.5080, 14.9292, 23.6767</a>

# Details

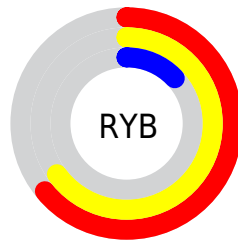
The Hex color **A56422** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2263A5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E09754**, and **6C3500** is the 20% darker color. If you saturate the color by 10%, you get **A55C12**, and if you desaturate by 10%, it is **A56C33**.

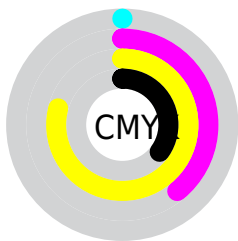
# Distribution



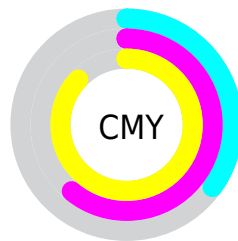
- Red (65%)
- Green (39%)
- Blue (13%)



- Red (64%)
- Yellow (65%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (79%)
- Black (35%)



- Cyan (35%)
- Magenta (61%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A56422 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 A56422 by changing the saturation by 10% instead.



 A56422

 A56422

FFFFFF

 884C06

 E09754

 6C3500

 FF26D

 501F00

 FFCE87

 350900

 FFEAA2

 1C0001

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 A56422

 A56422

 A55C12

 A56C33

 A55401

 A57443

 A55300

 A57D54

 A58564

 A58D74

 A59585

 A59D95

 A5A5A6

 A5AEB7

# Harmonies

## Analogous

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



BC5344



A56422



827412

# Triad

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



A56422



00887A



7F64B9

# Complementary

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



A56422



2263A5

# 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.



1576C9



A56422



0087A4

# Square

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



A56422



00854E



0081C1



AD5298

# Rectangle

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



A56422



657C1D



0081C1



686BC1



# Sweetspot

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



A56422



D6BDA3



A52263



6B5C4C



EBEBEB



6B6B6B



# Same Dimension

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



A56422



D6710B



A5A522



524E49



914900



120900



# Inverse Universe

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



2263A5



0B70D6



2222A5



494D52



004891



000912



# Previews

## White Background



This preview shows how the Hex color A56422 looks on a white background.

## Color Contrast Check

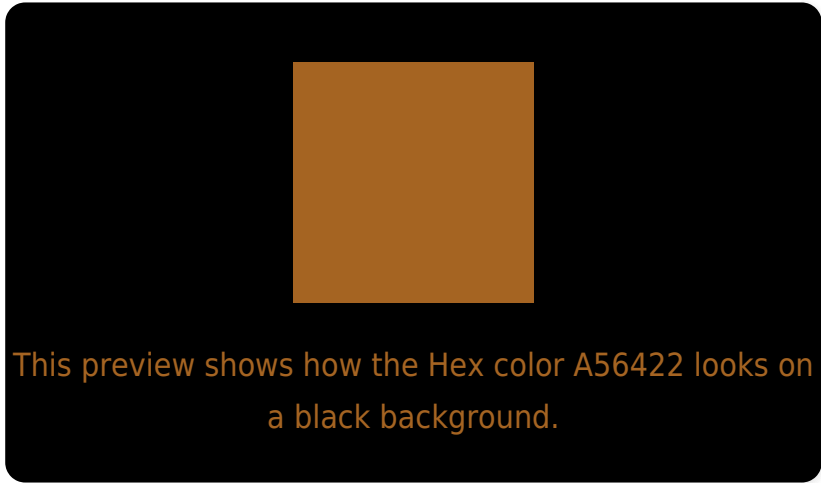
Large Text (above 18pt) WCAG AA ✓ Pass

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 A56422 Background



This preview shows how black text looks on a background with the Hex color A56422.



This preview shows how white text looks on a background with the Hex color A56422.

# 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**  
A56422

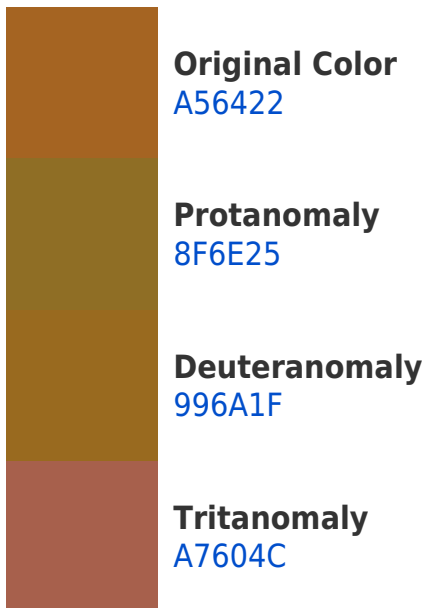
**Protanopia**  
827426

**Deuteranopia**  
926E1E

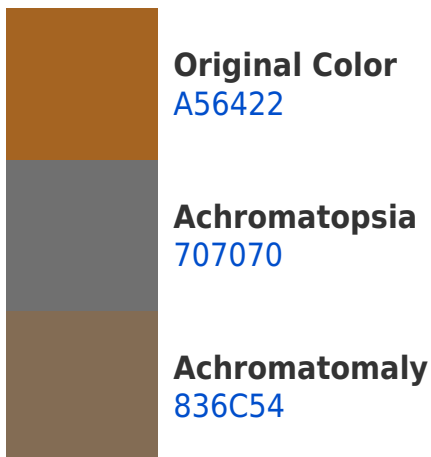


**Tritanopia**  
A85E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A56422 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 #A56422 looks like.

```
.text, #text, p{  
    color:#A56422  
}
```

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 #A56422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A56422
}
```

## Border

The CSS property to change the border of an element to Hex A56422 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
#A56422 }
```

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

```
.border{ border-color:#A56422 }
```

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

Here you see how a box with a 4 pixel #A56422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A56422; -webkit-box-shadow:4px 4px  
4px 4px #A56422; box-shadow:4px 4px 4px  
4px #A56422 }
```

# Background

The CSS property to change the background color of an element to Hex A56422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A56422 }
```

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

```
.background{ background-color:#A56422 }
```

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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