

# Converting Colors

Hex(A58436)

Have a look what the booklet for  
Hex(A58436) contains.

<b>Hex(A58436)</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(A58436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A58436
RGB	165, 132, 54
RGB Percent	65%, 52%, 21%
CMY	0.3529, 0.4824, 0.7882
CMYK	0.00, 0.20, 0.67, 0.35
HSL	42°, 51%, 43%
HSV	42°, 67%, 65%
XYZ	24.4342, 24.7682, 6.9829
YIQ	132.9750, 44.7060, -17.2620

# Conversions

## Conversions Part 2

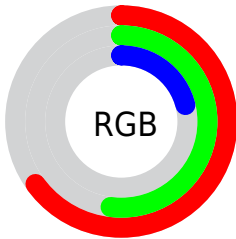
Format	Color
<a href="#">RYB</a>	<a href="#">101, 165, 54</a>
Decimal	<a href="#">10847286</a>
CIELab	<a href="#">56.85, 3.92, 45.55</a>
CIElCh	<a href="#">57, 45.715, 85.081</a>
Yxy	<a href="#">24.7682, 0.4349, 0.4408</a>
Android (android.graphics.Color)	<a href="#">4289037366</a> <a href="#">(0xFFA58436)</a>
YUV	<a href="#">132.9750, -38.9347, 28.0859</a>
Hunter-Lab	<a href="#">49.7677, 0.5438, 26.5183</a>

# Details

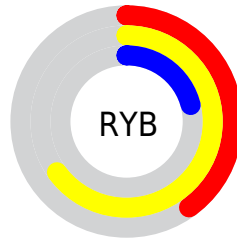
The Hex color **A58436** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3657A5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **DFB968**, and **6E5300** is the 20% darker color. If you saturate the color by 10%, you get **A57F26**, and if you desaturate by 10%, it is **A58947**.

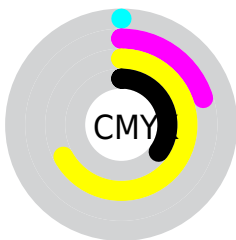
# Distribution



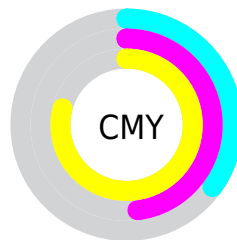
- Red (65%)
- Green (52%)
- Blue (21%)



- Red (40%)
- Yellow (65%)
- Blue (21%)



- Cyan (0%)
- Magenta (20%)
- Yellow (67%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A58436 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 A58436 by changing the saturation by 10% instead.



 A58436

 A58436

FFFFFF

 896B1D

 DFB968

 6E5300

 FCD482

 543C00

 FFF19D

 392700

 FFFFB9

 201300

 FFFFD5

 000000

 FFFFF1

 A58436

 A58436

 A57F26

 A58947

 A57A15

 A58E57

 A57505

 A59368

 A57400

 A59878

 A59D89

 A5A199

 A5A6AA

 A5ABBA

 A5B0CB

# Harmonies

## Analogous

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



C37548



A58436



7E903D

# Triad

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



A58436



009CA9



B371B7

# Complementary

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



A58436



3657A5

# 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.



8081D1



A58436



0098C9

# Square

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



A58436



009C80



1F8FD8



CE6791

# Rectangle

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



A58436



5F964E



1F8FD8



A576C1



# Sweetspot

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



A58436



D6C9AB



A53657



6B6351



EBEBEB



6B6B6B



# Same Dimension

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



A58436



D6A329



8FA536



524F49



916600



120D00



# Inverse Universe

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



3657A5



295CD6



4C36A5



494C52



002B91



000512



# Previews

## White Background



This preview shows how the Hex color A58436 looks on a white background.

## Color Contrast Check

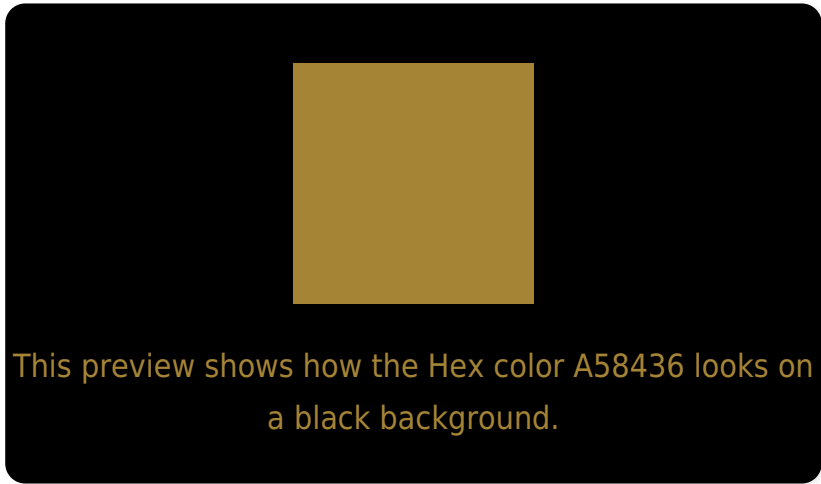
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

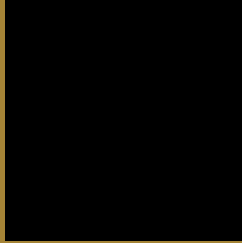
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A58436 Background



This preview shows how black text looks on a background with the Hex color A58436.



This preview shows how white text looks on a background with the Hex color A58436.

# 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**  
A58436

**Protanopia**  
988937

**Deuteranopia**  
AA8237

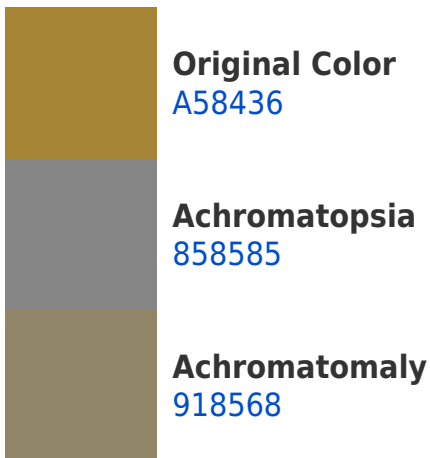


**Tritanopia**  
AB7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A58436 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 #A58436 looks like.

```
.text, #text, p{  
    color:#A58436  
}
```

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 #A58436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A58436  
}
```

## Border

The CSS property to change the border of an element to Hex A58436 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  
#A58436 }
```

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

```
.border{ border-color:#A58436 }
```

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

Here you see how a box with a 4 pixel #A58436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A58436; -webkit-box-shadow:4px 4px  
4px 4px #A58436; box-shadow:4px 4px 4px  
4px #A58436 }
```

# Background

The CSS property to change the background color of an element to Hex A58436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A58436 }
```

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

```
.background{ background-color:#A58436 }
```

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