

# Converting Colors

Hex(A5561C)

Have a look what the booklet for  
Hex(A5561C) contains.

|  |    |
|--|----|
| <b>Hex(A5561C)</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(A5561C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A5561C                     |
| RGB           | 165, 86, 28                |
| RGB Percent   | 65%, 34%, 11%              |
| CMY           | 0.3529, 0.6627, 0.8902     |
| CMYK          | 0.00, 0.48, 0.83, 0.35     |
| HSL           | 25°, 71%, 38%              |
| HSV           | 25°, 83%, 65%              |
| XYZ           | 19.0544, 14.7388, 2.9392   |
| YIQ           | 103.0090, 65.7020, -1.2900 |

# Conversions

## Conversions Part 2

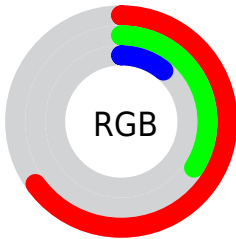
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 165, 129, 28                   |
| Decimal                             | 10835484                       |
| CIELab                              | 45.27, 28.52, 45.65            |
| CIELCh                              | 45, 53.826, 58.005             |
| Yxy                                 | 14.7388, 0.5187,<br>0.4012     |
| Android<br>(android.graphics.Color) | 4289025564<br>(0xFFA5561C)     |
| YUV                                 | 103.0090, -36.9794,<br>54.3661 |
| Hunter-Lab                          | 38.3911, 21.4096,<br>22.3346   |

# Details

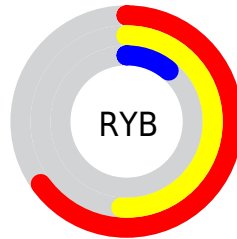
The Hex color **A5561C** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1C6BA5**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E1894D**, and **6B2600** is the 20% darker color. If you saturate the color by 10%, you get **A54C0B**, and if you desaturate by 10%, it is **A5602C**.

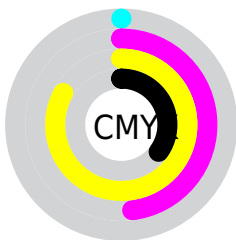
# Distribution



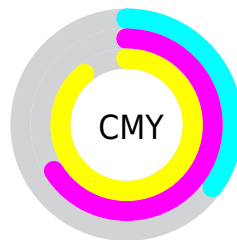
- Red (65%)
- Green (34%)
- Blue (11%)



- Red (65%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (83%)
- Black (35%)



- Cyan (35%)
- Magenta (66%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5561C 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 A5561C by changing the saturation by 10% instead.



 A5561C

 A5561C

FFFFFF

 883E01

 E1894D

 6B2600

 FFA366

 4F0F00

 FFBF80

 340000

 FFDB9A

 130000

 FFF7B6

 000000

 FFFFD2

 FFFFEE

 A5561C

 A5561C

■ A54C0B

■ A5602C

■ A54600

■ A5693D

■ A5734D

■ A57C5E

■ A5866E

■ A58F7F

■ A5998F

■ A5A2A0

■ A5ACB0

# Harmonies

## Analogous

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



B94344



A5561C



836800

# Triad

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



A5561C



008067



6460BB

# Complementary

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



A5561C



1C6BA5

# 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.



0071C5



A5561C



008094

# Square

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



A5561C



007C39



007BB7



9E4B9B

# Rectangle

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



A5561C



677100



007BB7



4367C1



# Sweetspot

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



A5561C



D6B7A1



A51C6C



6B594B



EBEBEB



6B6B6B



# Same Dimension

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



A5561C



D65B00



A59A1C



524D49



913E00



120800



# Inverse Universe

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



1C6BA5



007CD6



1C27A5



494E52



005491



000A12



# Previews

## White Background



This preview shows how the Hex color A5561C looks on a white background.

## Color Contrast Check

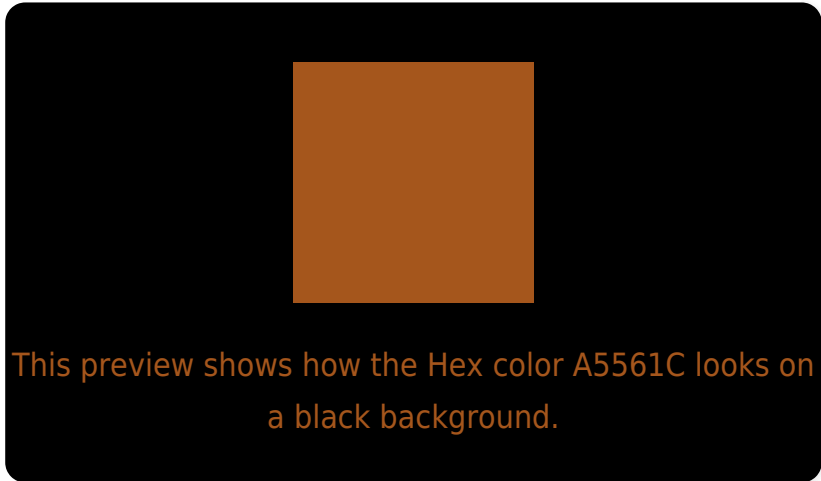
Large Text (above 18pt) WCAG AA ✓ Pass

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

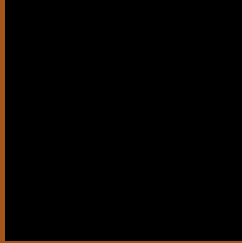
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A5561C Background



This preview shows how black text looks on a background with the Hex color A5561C.



This preview shows how white text looks on a background with the Hex color A5561C.

# 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**  
A5561C

**Protanopia**  
796C22

**Deuteranopia**  
886614



**Tritanopia**  
A85056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5561C 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 #A5561C looks like.

```
.text, #text, p{  
    color:#A5561C  
}
```

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 #A5561C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5561C
}
```

## Border

The CSS property to change the border of an element to Hex A5561C 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
#A5561C }
```

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

```
.border{ border-color:#A5561C }
```

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

Here you see how a box with a 4 pixel #A5561C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5561C; -webkit-box-shadow:4px 4px  
4px 4px #A5561C; box-shadow:4px 4px 4px  
4px #A5561C }
```

# Background

The CSS property to change the background color of an element to Hex A5561C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5561C }
```

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

```
.background{ background-color:#A5561C }
```

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