

# Converting Colors

Hex(A55321)

Have a look what the booklet for  
Hex(A55321) contains.

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**Color**

**Hex(A55321)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A55321
RGB	165, 83, 33
RGB Percent	65%, 33%, 13%
CMY	0.3529, 0.6745, 0.8706
CMYK	0.00, 0.50, 0.80, 0.35
HSL	23°, 67%, 39%
HSV	23°, 80%, 65%
XYZ	18.8848, 14.2957, 3.2028
YIQ	101.8180, 64.9220, 1.8340

# Conversions

## Conversions Part 2

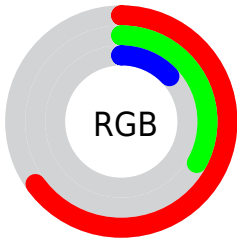
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 113, 33
Decimal	10834721
CIE <sub>Lab</sub>	44.65, 30.32, 42.84
CIE <sub>LCh</sub>	45, 52.483, 54.708
Yxy	14.2957, 0.5191, 0.3929
Android (android.graphics.Color)	4289024801 (0xFFA55321)
YUV	101.8180, -33.9273, 55.4106
Hunter-Lab	37.8096, 22.9889, 21.4443

# Details

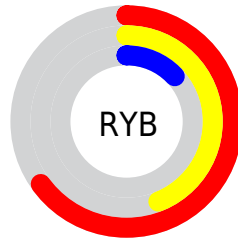
The Hex color **A55321** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2173A5**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **E18651**, and **6B2300** is the 20% darker color. If you saturate the color by 10%, you get **A54910**, and if you desaturate by 10%, it is **A55D32**.

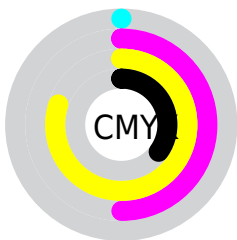
# Distribution



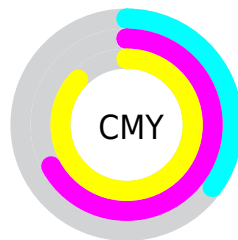
- Red (65%)
- Green (33%)
- Blue (13%)



- Red (65%)
- Yellow (44%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A55321 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 A55321 by changing the saturation by 10% instead.



 A55321

 A55321

FFFFFF

 883B07

 E18651

 6B2300


 FFA06A

 4F0A00

 FFBC84

 340000

 FFD89E

 110000

 FFF4BA

 000000

 FFFFD6

 FFFFF2

 A55321

 A55321

■ A54910

■ A55D32

■ A53E00

■ A56742

■ A57252

■ A57C63

■ A58673

■ A59084

■ A59B94

■ A5A5A5

■ A5AFB6

# Harmonies

## Analogous

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



B64248



A55321



856500

# Triad

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



A55321



007D60



5A61BA

# Complementary

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



A55321



2173A5

# 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.



0071C1



A55321



007E8D

# Square

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



A55321



197A34



007AB1



974D9D

# Rectangle

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



A55321



6B6E00



007AB1



3667BF



# Sweetspot

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



A55321



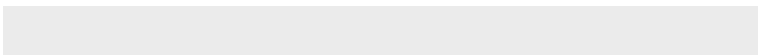
D6B6A3



A52175



6B584C



EBEBEB



6B6B6B



# Same Dimension

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



A55321



D65609



A59321



524D49



913700



120700



# Inverse Universe

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



2173A5



0988D6



2133A5



494F52



005A91



000B12



# Previews

## White Background



This preview shows how the Hex color A55321 looks on a white background.

## Color Contrast Check

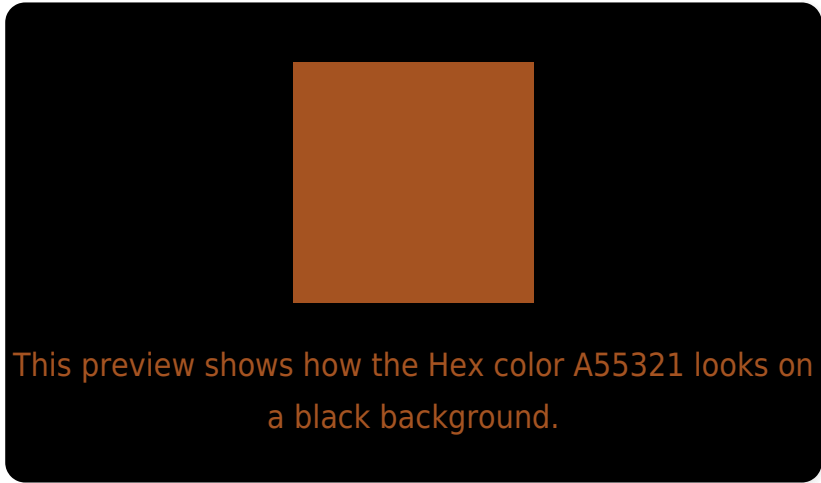
Large Text (above 18pt) WCAG AA ✓ Pass

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

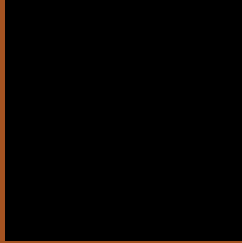
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A55321 Background



This preview shows how black text looks on a background with the Hex color A55321.



This preview shows how white text looks on a background with the Hex color A55321.

# 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**  
A55321

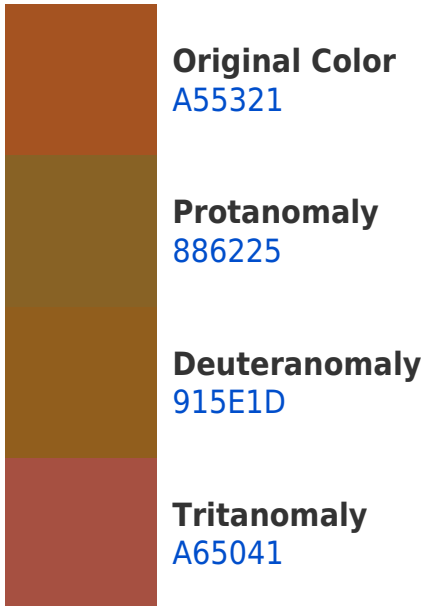
**Protanopia**  
776A27

**Deuteranopia**  
86651B



**Tritanopia**  
A74E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A55321 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 #A55321 looks like.

```
.text, #text, p{  
    color:#A55321  
}
```

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 #A55321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55321
}
```

## Border

The CSS property to change the border of an element to Hex A55321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

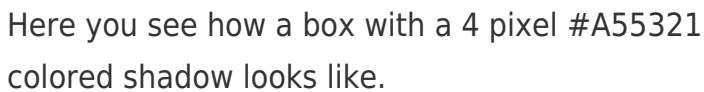
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A55321 }
```

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

```
.border{ border-color:#A55321 }
```

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



Here you see how a box with a 4 pixel #A55321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55321; -webkit-box-shadow:4px 4px  
4px 4px #A55321; box-shadow:4px 4px 4px  
4px #A55321 }
```

# Background

The CSS property to change the background color of an element to Hex A55321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55321 }
```

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

```
.background{ background-color:#A55321 }
```

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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