

# Converting Colors

Hex(B55400)

Have a look what the booklet for  
Hex(B55400) contains.

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**Color**

**Hex(B55400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55400
RGB	181, 84, 0
RGB Percent	71%, 33%, 0%
CMY	0.2902, 0.6706, 1.0000
CMYK	0.00, 0.54, 1.00, 0.29
HSL	28°, 100%, 35%
HSV	28°, 100%, 71%
XYZ	22.2264, 16.1644, 1.9486
YIQ	103.4270, 84.7760, -5.5600

# Conversions

## Conversions Part 2

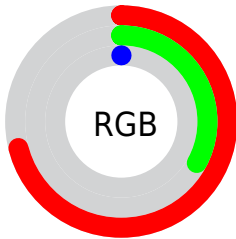
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 157, 0
Decimal	11883520
CIELab	47.19, 35.68, 56.63
CIELCh	47, 66.934, 57.791
Yxy	16.1644, 0.5510, 0.4007
Android (android.graphics.Color)	4290073600 (0xFFB55400)
YUV	103.4270, -50.9895, 68.0315
Hunter-Lab	40.2050, 28.3208, 25.2699

# Details

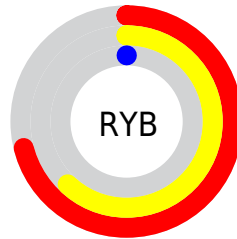
The Hex color **B55400** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0061B5**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **F3873C**, and **792200** is the 20% darker color. If you saturate the color by 10%, you get **B55400**, and if you desaturate by 10%, it is **B55E12**.

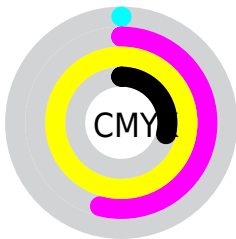
# Distribution



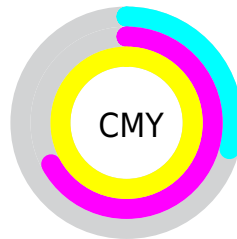
- Red (71%)
- Green (33%)
- Blue (0%)



- Red (71%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55400 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 B55400 by changing the saturation by 10% instead.



 B55400

 B55400

 FFFFFFFA

 973B00

 F3873C

 792200

 FFA255

 5B0600

 FFBE6F

 3F0000

 FFDA8A

 250001

 FFF7A5

 000000

 FFFFC1

 FFFFDD

 B55400

 B55E12

 B56724

 B57136

 B57B48

 B5855B

 B58E6D

 B5987F

 B5A291

 B5ABA3

# Harmonies

## Analogous

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



CE363F



B55400



8B6C00

# Triad

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



B55400



00886A



6063D5

# Complementary

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



B55400



0061B5

# 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.



0078E2



B55400



0088A3

# Square

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



B55400



00842E



0084CF



AE44AD

# Rectangle

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



B55400



687700



0084CF



286BDC



# Sweetspot

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



B55400



EBC5A4



B50064



755F4B



F5F5F5



757575



# Same Dimension

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



B55400



EB6D00



B5AC00



595450



994700



1A0C00



# Inverse Universe

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



0061B5



007EEB



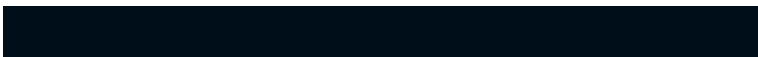
0009B5



505559



005299

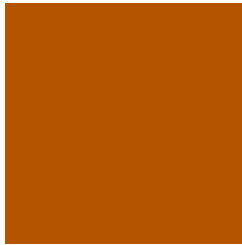


000E1A



# Previews

## White Background



This preview shows how the Hex color B55400 looks on a white background.

## Color Contrast Check

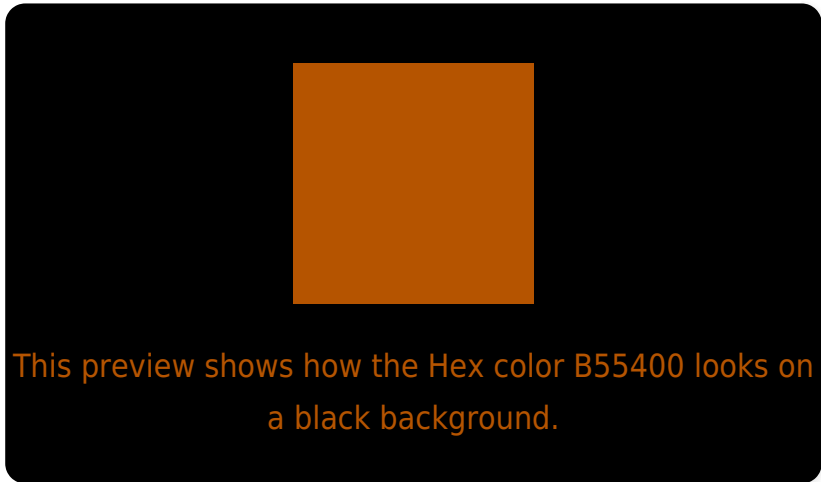
Large Text (above 18pt) WCAG AA ✓ Pass

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 B55400 Background



This preview shows how black text looks on a background with the Hex color B55400.



This preview shows how white text looks on a background with the Hex color B55400.

# 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**  
B55400

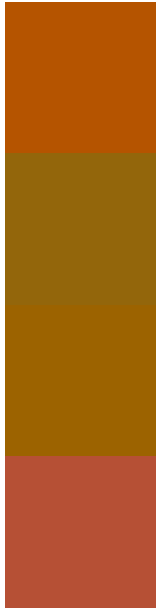
**Protanopia**  
7F7111

**Deuteranopia**  
8E6B00



**Tritanopia**  
B74E53

# Trichromacy



**Original Color**  
B55400

**Protanomaly**  
93660B

**Deuteranomaly**  
9C6300

**Tritanomaly**  
B65035

# Monochromacy



**Original Color**  
B55400

**Achromatopsia**  
676767

**Achromatomaly**  
836042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55400 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 #B55400 looks like.

```
.text, #text, p{  
    color:#B55400  
}
```

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 #B55400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55400
}
```

## Border

The CSS property to change the border of an element to Hex B55400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

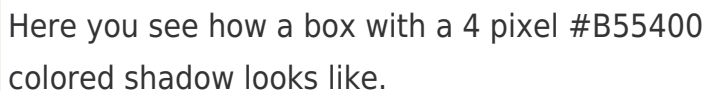
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55400 }
```

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

```
.border{ border-color:#B55400 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a thicker orange shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B55400 colored shadow looks like." data-bbox="136 527 767 584"/>

Here you see how a box with a 4 pixel #B55400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55400; -webkit-box-shadow:4px 4px  
4px 4px #B55400; box-shadow:4px 4px 4px  
4px #B55400 }
```

# Background

The CSS property to change the background color of an element to Hex B55400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55400 }
```

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

```
.background{ background-color:#B55400 }
```

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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