

# Converting Colors

Hex(B55600)

Have a look what the booklet for  
Hex(B55600) contains.

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**Color**

**Hex(B55600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55600
RGB	181, 86, 0
RGB Percent	71%, 34%, 0%
CMY	0.2902, 0.6627, 1.0000
CMYK	0.00, 0.52, 1.00, 0.29
HSL	29°, 100%, 35%
HSV	29°, 100%, 71%
XYZ	22.3838, 16.4793, 2.0011
YIQ	104.6010, 84.2260, -6.6060

# Conversions

## Conversions Part 2

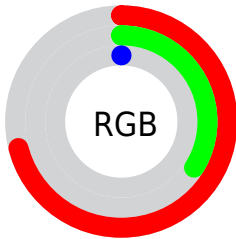
Format	Color
<b>RYB</b>	181, 164, 0
Decimal	11884032
CIELab	47.60, 34.64, 56.87
CIELCh	48, 66.592, 58.651
Yxy	16.4793, 0.5478, 0.4033
Android (android.graphics.Color)	4290074112 (0xFFB55600)
YUV	104.6010, -51.5683, 67.0019
Hunter-Lab	40.5947, 27.3837, 25.4937

# Details

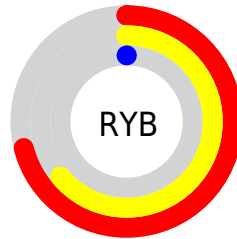
The Hex color **B55600** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005FB5**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F3893C**, and **792500** is the 20% darker color. If you saturate the color by 10%, you get **B55600**, and if you desaturate by 10%, it is **B56012**.

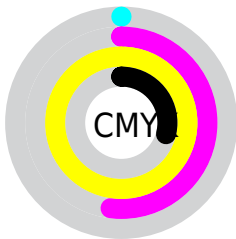
# Distribution



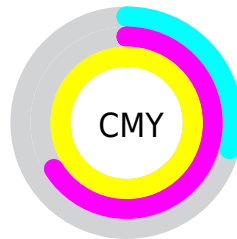
- Red (71%)
- Green (34%)
- Blue (0%)



- Red (71%)
- Yellow (64%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55600 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 B55600 by changing the saturation by 10% instead.



 B55600

 B55600

 FFFFFB

 973D00

 F3893C

 792500

 FFA456

 5B0A00

 FFC070

 3F0000

 FFDC8A

 260001

 FFF9A6

 000000

 FFFFC1

 FFFFDE

 B55600

 B56012

 B56924

 B57336

 B57C48

 B5865B

 B58F6D

 B5997F

 B5A291

 B5ACA3

# Harmonies

## Analogous

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



CF393F



B55600



8B6E00

# Triad

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



B55600



00896D



6563D4

# Complementary

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



B55600



005FB5

# 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.



0079E2



B55600



0089A6

# Square

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



B55600



008532



0085D1



B045AC

# Rectangle

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



B55600



687900



0085D1



326BDC



# Sweetspot

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



B55600



EBC6A4



B50061



755F4B



F5F5F5



757575



# Same Dimension

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



B55600



EB6F00



B5AF00



595550



994900



1A0C00



# Inverse Universe

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



005FB5



007BEB



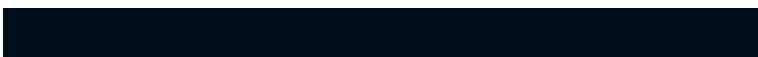
0006B5



505559



005099



000D1A



# Previews

## White Background



This preview shows how the Hex color B55600 looks on a white background.

## Color Contrast Check

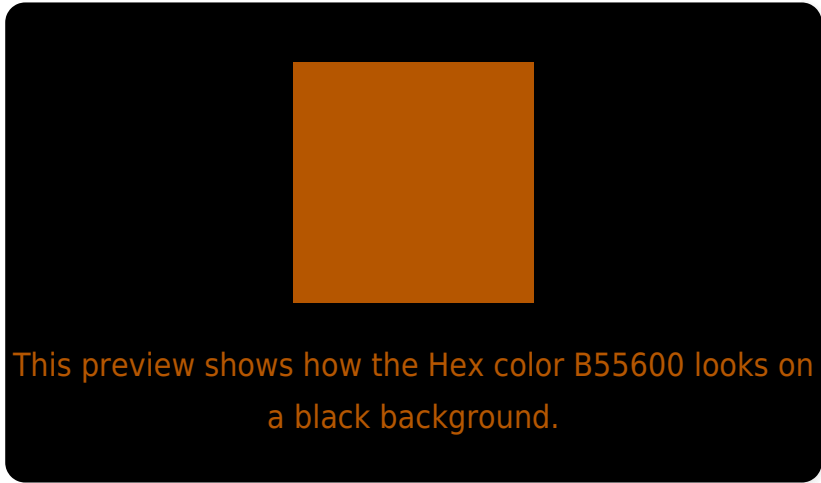
Large Text (above 18pt) WCAG AA ✓ Pass

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 B55600 Background



This preview shows how black text looks on a background with the Hex color B55600.



This preview shows how white text looks on a background with the Hex color B55600.

# 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**  
B55600

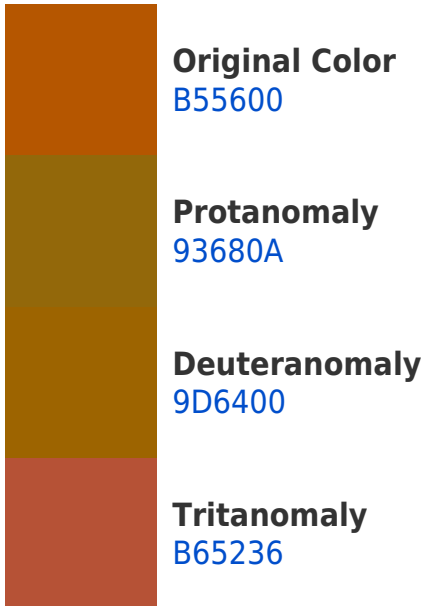
**Protanopia**  
807210

**Deuteranopia**  
906C00



**Tritanopia**  
B75055

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55600 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 #B55600 looks like.

```
.text, #text, p{  
    color:#B55600  
}
```

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 #B55600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55600
}
```

## Border

The CSS property to change the border of an element to Hex B55600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

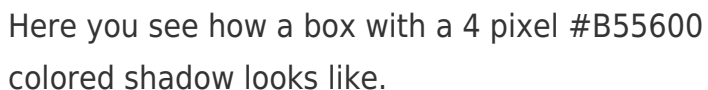
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55600 }
```

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

```
.border{ border-color:#B55600 }
```

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



Here you see how a box with a 4 pixel #B55600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55600; -webkit-box-shadow:4px 4px  
4px 4px #B55600; box-shadow:4px 4px 4px  
4px #B55600 }
```

# Background

The CSS property to change the background color of an element to Hex B55600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55600 }
```

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

```
.background{ background-color:#B55600 }
```

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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