

Converting Colors

Hex(B55100)

Have a look what the booklet for
Hex(B55100) contains.

Hex(B55100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B55100)

Conversions

Conversions Part 1

Format	Color
Hex	B55100
RGB	181, 81, 0
RGB Percent	71%, 32%, 0%
CMY	0.2902, 0.6824, 1.0000
CMYK	0.00, 0.55, 1.00, 0.29
HSL	27°, 100%, 35%
HSV	27°, 100%, 71%
XYZ	21.9985, 15.7086, 1.8726
YIQ	101.6660, 85.6010, -3.9910

Conversions

Conversions Part 2

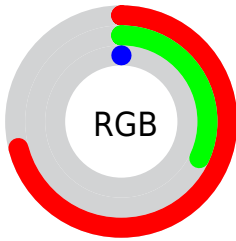
Format	Color
R _Y B	181, 147, 0
Decimal	11882752
CIE Lab	46.59, 37.20, 56.29
CIE LCh	47, 67.473, 56.537
Yxy	15.7086, 0.5558, 0.3969
Android (android.graphics.Color)	4290072832 (0xFFB55100)
YUV	101.6660, -50.1213, 69.5759
Hunter-Lab	39.6341, 29.7149, 24.9426

Details

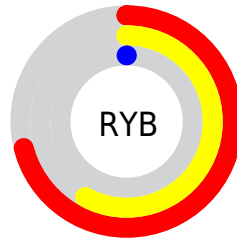
The Hex color **B55100** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0064B5**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F3853B**, and **781F00** is the 20% darker color. If you saturate the color by 10%, you get **B55100**, and if you desaturate by 10%, it is **B55B12**.

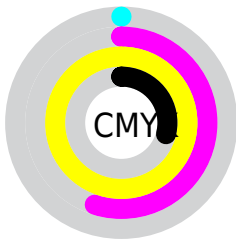
Distribution



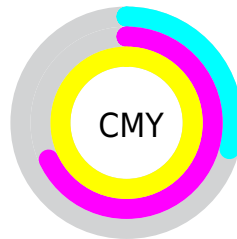
- Red (71%)
- Green (32%)
- Blue (0%)



- Red (71%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B55100 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 B55100 by changing the saturation by 10% instead.

 B55100

 B55100

 FFFFFFF9

 963800

 F3853B

 781F00

 FF9F55

 5B0100

 FFBB6F

 3E0000

 FFD789

 240001

 FFF4A4

 000000

 FFFFC0

 FFFFDC

 B55100

 B55B12

 B56524

 B56F36

 B57948

 B5835B

 B58D6D

 B5977F

 B5A191

 B5ABA3

Harmonies

Analogous

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



CD3240



B55100



8B6A00

Triad

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



B55100



008666



5962D5

Complementary

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



B55100



0064B5

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.



0078E1



B55100



0087A0

Square

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



B55100



00822A



0083CD



AB43AE

Rectangle

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



B55100



697500



0083CD



0E6BDC

Sweetspot

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



B55100



EBC4A4



B50067



755E4B



F5F5F5



757575

Same Dimension

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



B55100



EB6900



B5A900



595450



994400



1A0B00

Inverse Universe

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



0064B5



0082EB



000CB5



505559



005599



000E1A

Previews

White Background



This preview shows how the Hex color B55100 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 B55100 Background



This preview shows how black text looks on a background with the Hex color B55100.



This preview shows how white text looks on a background with the Hex color B55100.

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
B55100

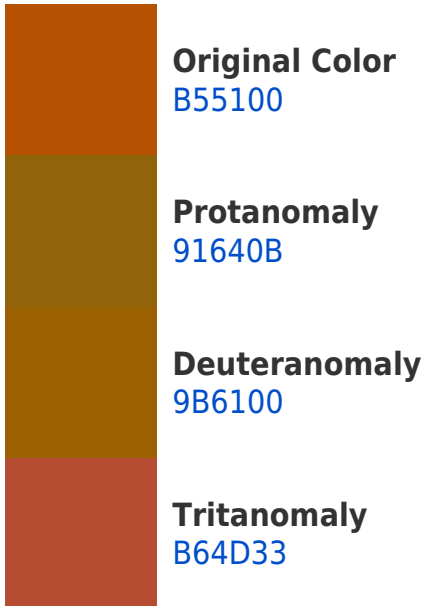
Protanopia
7D6F11

Deuteranopia
8C6A00

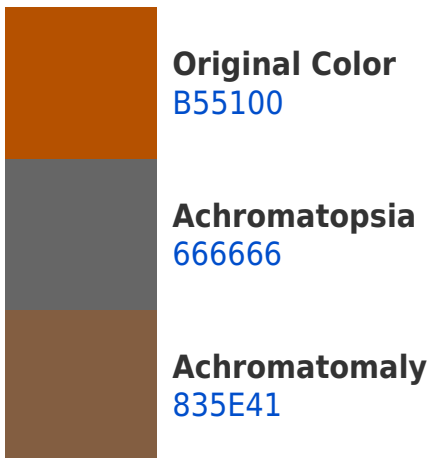


Tritanopia
B74B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B55100 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 #B55100 looks like.

```
.text, #text, p{  
    color:#B55100  
}
```

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 #B55100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55100
}
```

Border

The CSS property to change the border of an element to Hex B55100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

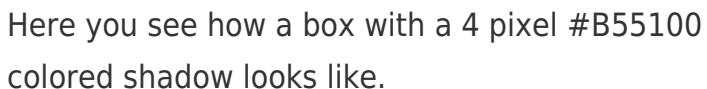
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55100 }
```

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

```
.border{ border-color:#B55100 }
```

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



Here you see how a box with a 4 pixel #B55100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55100; -webkit-box-shadow:4px 4px  
4px 4px #B55100; box-shadow:4px 4px 4px  
4px #B55100 }
```

Background

The CSS property to change the background color of an element to Hex B55100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55100 }
```

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

```
.background{ background-color:#B55100 }
```

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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