

Converting Colors

Hex(B15503)

Have a look what the booklet for
Hex(B15503) contains.

Hex(B15503)	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(B15503)

Conversions

Conversions Part 1

Format	Color
Hex	B15503
RGB	177, 85, 3
RGB Percent	69%, 33%, 1%
CMY	0.3059, 0.6667, 0.9882
CMYK	0.00, 0.52, 0.98, 0.31
HSL	28°, 97%, 35%
HSV	28°, 98%, 69%
XYZ	21.3964, 15.8507, 2.0179
YIQ	103.1600, 81.1540, -5.9980

Conversions

Conversions Part 2

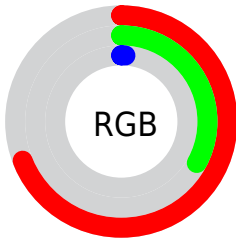
Format	Color
RYB	177, 158, 3
Decimal	11621635
CIELab	46.78, 33.57, 55.31
CIELCh	47, 64.699, 58.748
Yxy	15.8507, 0.5449, 0.4037
Android (android.graphics.Color)	4289811715 (0xFFB15503)
YUV	103.1600, -49.3789, 64.7577
Hunter-Lab	39.8129, 26.2575, 24.8639

Details

The Hex color **B15503** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **035FB1**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EF883D**, and **752400** is the 20% darker color. If you saturate the color by 10%, you get **B15300**, and if you desaturate by 10%, it is **B15E15**.

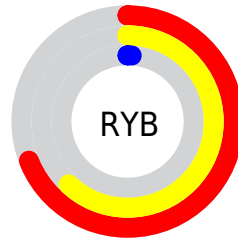
Distribution



Red (69%)

Green (33%)

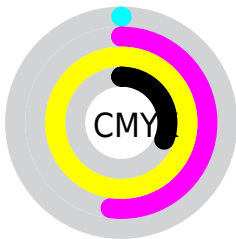
Blue (1%)



Red (69%)

Yellow (62%)

Blue (1%)

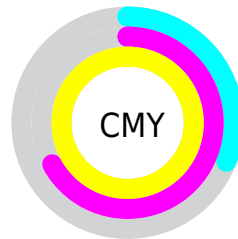


Cyan (0%)

Magenta (52%)

Yellow (98%)

Black (31%)



Cyan (31%)


Magenta (67%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B15503 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 B15503 by changing the saturation by 10% instead.

 B15503

 B15503

FFFFFFC

 933C00

 EF883D

 752400

 FFA357

 580A00

 FFBE71

 3C0000

 FFDB8B

 210001

 FFF7A6

 000000


 FFFF C2

 FFFF DF

 B15503

 B15503

 B15300

 B15E15

 B16826

 B17138

 B17A4A

 B1845B

 B18D6D

 B1977F

 B1A091

 B1A9A2

Harmonies

Analogous

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



CA393E



B15503



886C00

Triad

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



B15503



00866B



6461CF

Complementary

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



B15503



035FB1

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.



0077DD



B15503



0087A2

Square

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



B15503



008332



0082CC



AD44A8

Rectangle

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



B15503



667700



0082CC



3569D7

Sweetspot

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



B15503



E6C2A3



B10360



735E4B



F2F2F2



737373

Same Dimension

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



B15503



E66C00



B1AB03



595550



994800



1A0C00

Inverse Universe

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



035FB1



0079E6



0309B1



505559



005199



000D1A

Previews

White Background



This preview shows how the Hex color B15503 looks on a white background.

Color Contrast Check

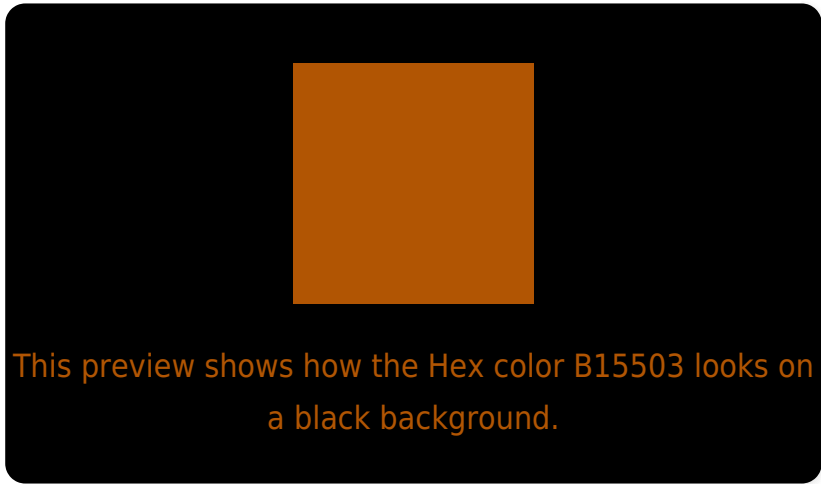
Large Text (above 18pt) WCAG AA ✓ Pass

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 B15503 Background



This preview shows how black text looks on a background with the Hex color B15503.



This preview shows how white text looks on a background with the Hex color B15503.

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
B15503

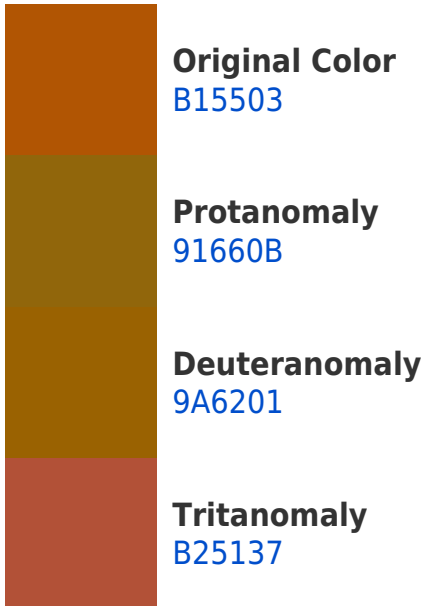
Protanopia
7E7010

Deuteranopia
8D6A00

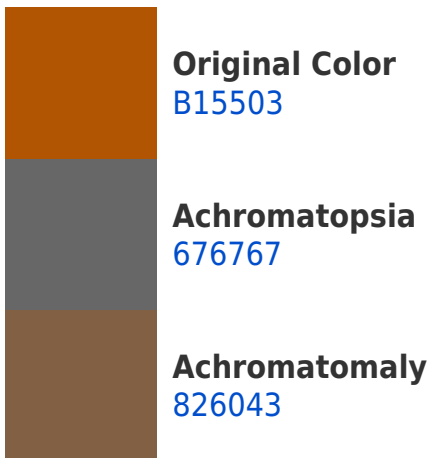


Tritanopia
B34F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B15503 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 #B15503 looks like.

```
.text, #text, p{  
    color:#B15503  
}
```

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 #B15503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B15503
}
```

Border

The CSS property to change the border of an element to Hex B15503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

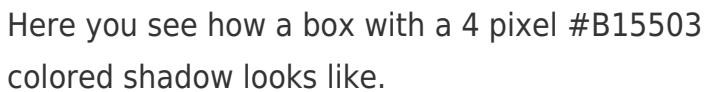
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B15503 }
```

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

```
.border{ border-color:#B15503 }
```

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



Here you see how a box with a 4 pixel #B15503 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B15503; -webkit-box-shadow:4px 4px  
4px 4px #B15503; box-shadow:4px 4px 4px  
4px #B15503 }
```

Background

The CSS property to change the background color of an element to Hex B15503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B15503 }
```

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

```
.background{ background-color:#B15503 }
```

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