

Converting Colors

Hex(B15600)

Have a look what the booklet for
Hex(B15600) contains.

Hex(B15600)	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(B15600)

Conversions

Conversions Part 1

Format	Color
Hex	B15600
RGB	177, 86, 0
RGB Percent	69%, 34%, 0%
CMY	0.3059, 0.6627, 1.0000
CMYK	0.00, 0.51, 1.00, 0.31
HSL	29°, 100%, 35%
HSV	29°, 100%, 69%
XYZ	21.4593, 16.0027, 1.9578
YIQ	103.4050, 81.8420, -7.4540

Conversions

Conversions Part 2

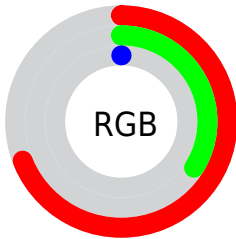
Format	Color
RYB	177, 167, 0
Decimal	11621888
CIELab	46.98, 33.00, 56.19
CIELCh	47, 65.162, 59.572
Yxy	16.0027, 0.5444, 0.4060
Android (android.graphics.Color)	4289811968 (0xFFB15600)
YUV	103.4050, -50.9787, 64.5428
Hunter-Lab	40.0034, 25.7480, 25.1006

Details

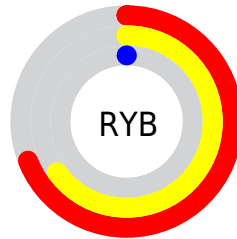
The Hex color **B15600** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005BB1**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EF893C**, and **752500** is the 20% darker color. If you saturate the color by 10%, you get **B15600**, and if you desaturate by 10%, it is **B15F12**.

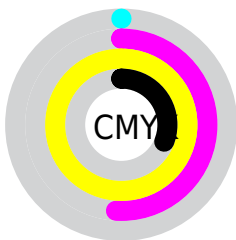
Distribution



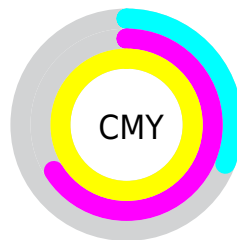
- Red (69%)
- Green (34%)
- Blue (0%)



- Red (69%)
- Yellow (65%)
- Blue (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (100%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B15600 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 B15600 by changing the saturation by 10% instead.

 B15600

 B15600

 FFFFFA

 933D00

 EF893C

 752500

 FFA455

 580C00

 FFBF6F

 3C0000

 FFDC8A

 220001

 FFF8A5

 000000

 FFFFC1

 FFFFDD

 B15600

 B15F12

 B16823

 B17135

 B17A47

 B18459

 B18D6A

 B1967C

 B19F8E

 B1A89F

Harmonies

Analogous

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



CB3A3D



B15600



876D00

Triad

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



B15600



00876D



6861D0

Complementary

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



B15600



005BB1

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.



0077DE



B15600



0087A4

Square

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



B15600



008433



0083CE



AF44A8

Rectangle

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



B15600



657800



0083CE



3A69D8

Sweetspot

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



B15600



E6C2A1



B1005B



735E49



F2F2F2



737373

Same Dimension

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



B15600



E67000



B1AE00



595550



994A00



1A0C00

Inverse Universe

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



005BB1



0076E6



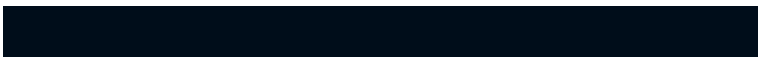
0003B1



505559



004F99



000D1A

Previews

White Background



This preview shows how the Hex color B15600 looks on a white background.

Color Contrast Check

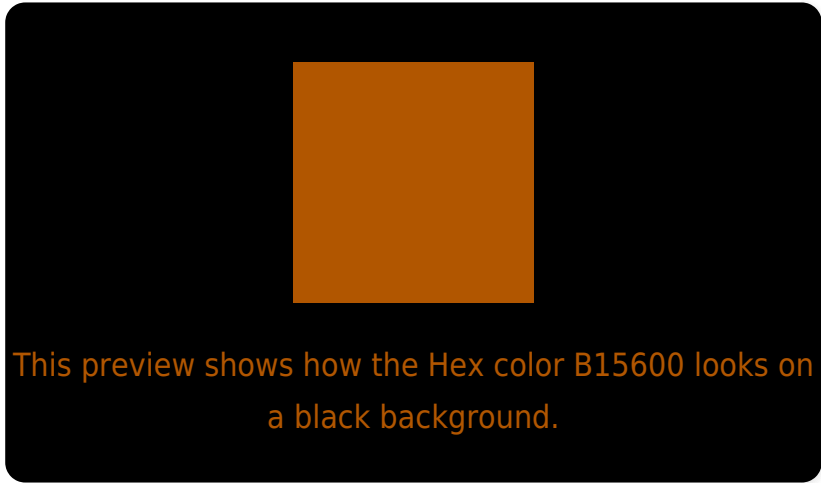
Large Text (above 18pt) WCAG AA ✓ Pass

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 B15600 Background



This preview shows how black text looks on a background with the Hex color B15600.



This preview shows how white text looks on a background with the Hex color B15600.

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
B15600

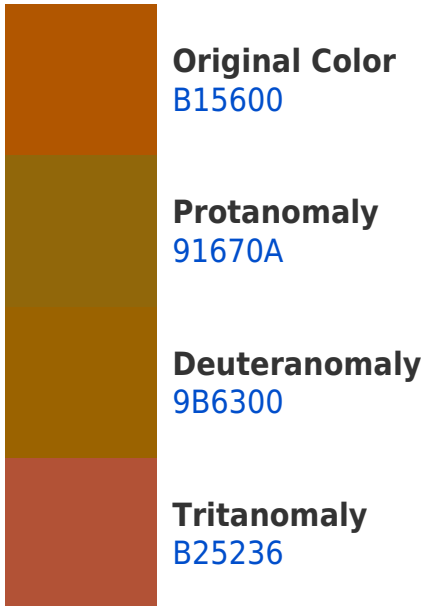
Protanopia
7E7010

Deuteranopia
8E6A00

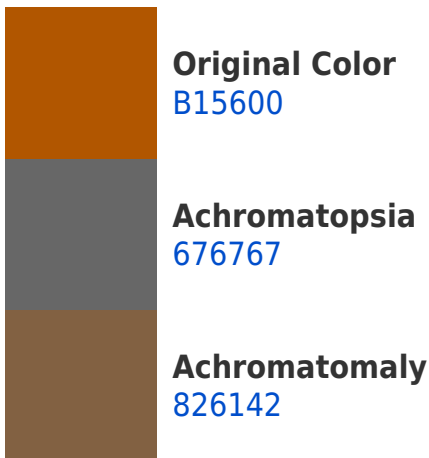


Tritanopia
B35055

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B15600 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 #B15600 looks like.

```
.text, #text, p{  
    color:#B15600  
}
```

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 #B15600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B15600
}
```

Border

The CSS property to change the border of an element to Hex B15600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

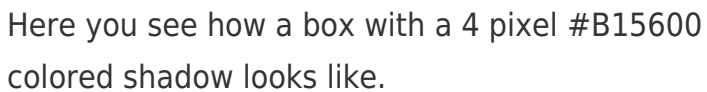
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B15600 }
```

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

```
.border{ border-color:#B15600 }
```

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



Here you see how a box with a 4 pixel #B15600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B15600; -webkit-box-shadow:4px 4px  
4px 4px #B15600; box-shadow:4px 4px 4px  
4px #B15600 }
```

Background

The CSS property to change the background color of an element to Hex B15600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B15600 }
```

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

```
.background{ background-color:#B15600 }
```

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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