

# Converting Colors

Hex(B63600)

Have a look what the booklet for  
Hex(B63600) contains.

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**Color**

**Hex(B63600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B63600
RGB	182, 54, 0
RGB Percent	71%, 21%, 0%
CMY	0.2863, 0.7882, 1.0000
CMYK	0.00, 0.70, 1.00, 0.29
HSL	18°, 100%, 36%
HSV	18°, 100%, 71%
XYZ	20.6106, 12.5834, 1.3425
YIQ	86.1160, 93.6220, 10.3420

# Conversions

## Conversions Part 2

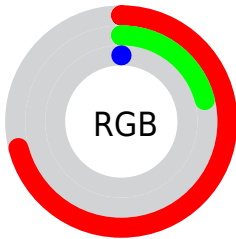
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 77, 0
Decimal	11941376
CIE Lab	42.13, 49.84, 54.02
CIE LCh	42, 73.495, 47.305
Yxy	12.5834, 0.5968, 0.3644
Android (android.graphics.Color)	4290131456 (0xFFB63600)
YUV	86.1160, -42.4552, 84.0903
Hunter-Lab	35.4731, 41.6340, 22.5872

# Details

The Hex color **B63600** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0080B6**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F66C37**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B63600**, and if you desaturate by 10%, it is **B64312**.

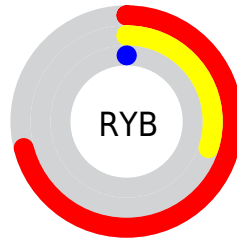
# Distribution



Red (71%)

Green (21%)

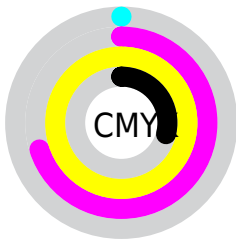
Blue (0%)



Red (71%)

Yellow (30%)

Blue (0%)

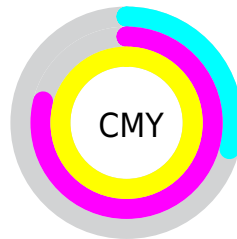


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B63600 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 B63600 by changing the saturation by 10% instead.



 B63600

 B63600

 FFFFF2

 971700

 F66C37

 780000

 FF8750

 5A0000

 FFA369

 3E0001

 FFBF83

 1D0001

 FFDC9E

 000000

 FFF9B9

 FFFF5D

 B63600

 B64312

 B65024

 B65C37

 B66949

 B6765B

 B6836D

 B6907F

 B69C92

 B6A9A4

# Harmonies

## Analogous

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



C90044



B63600



8F5700

# Triad

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



B63600



007B47



005FD9

# Complementary

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



B63600



0080B6

# 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.



0073DB



B63600



007C86

# Square

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



B63600



007600



007BBC



8F3DB7

# Rectangle

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



B63600



6D6600



007BBC



0067DE



# Sweetspot

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



B63600



EDBBA6



B60082



785A4D



F7F7F7



787878



# Same Dimension

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



B63600



ED4600



B68F00



5C5553



9C2E00



1C0800



# Inverse Universe

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



0080B6



00A7ED



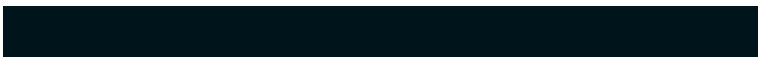
0027B6



53595C



006D9C



00141C



# Previews

## White Background



This preview shows how the Hex color B63600 looks on a white background.

## Color Contrast Check

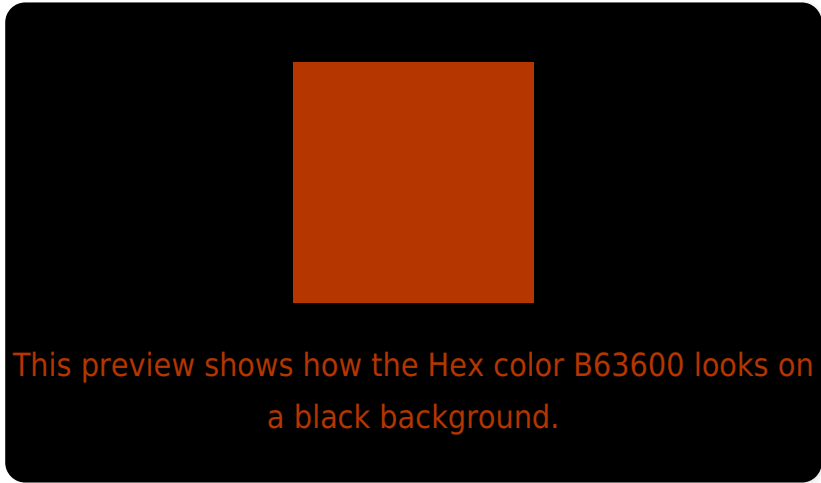
Large Text (above 18pt) WCAG AA ✓ Pass

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 B63600 Background



This preview shows how black text looks on a background with the Hex color B63600.



This preview shows how white text looks on a background with the Hex color B63600.

# 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



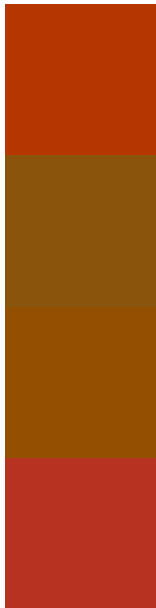
**Original Color**  
B63600

**Protanopia**  
716514

**Deuteranopia**  
7F5F00



# Trichromacy



**Original Color**  
B63600

**Protanomaly**  
8A540D

**Deuteranomaly**  
935000

**Tritanomaly**  
B73321

# Monochromacy



**Original Color**  
B63600

**Achromatopsia**  
565656

**Achromatomaly**  
794A37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B63600 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 #B63600 looks like.

```
.text, #text, p{  
    color:#B63600  
}
```

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 #B63600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63600
}
```

## Border

The CSS property to change the border of an element to Hex B63600 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
#B63600 }
```

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

```
.border{ border-color:#B63600 }
```

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

Here you see how a box with a 4 pixel #B63600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63600; -webkit-box-shadow:4px 4px  
4px 4px #B63600; box-shadow:4px 4px 4px  
4px #B63600 }
```

# Background

The CSS property to change the background color of an element to Hex B63600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63600 }
```

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

```
.background{ background-color:#B63600 }
```

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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