

# Converting Colors

Hex(B01300)

Have a look what the booklet for  
Hex(B01300) contains.

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**Color**

**Hex(B01300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B01300
RGB	176, 19, 0
RGB Percent	69%, 7%, 0%
CMY	0.3098, 0.9255, 1.0000
CMYK	0.00, 0.89, 1.00, 0.31
HSL	6°, 100%, 35%
HSV	6°, 100%, 69%
XYZ	18.1374, 9.6959, 0.9155
YIQ	63.7770, 99.6710, 27.3750

# Conversions

## Conversions Part 2

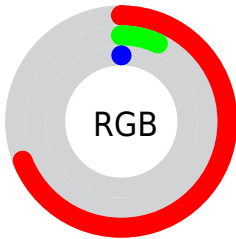
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 21, 0
Decimal	11539200
CIELab	37.29, 58.16, 51.20
CIElCh	37, 77.484, 41.359
Yxy	9.6959, 0.6309, 0.3373
Android (android.graphics.Color)	4289729280 (0xFFB01300)
YUV	63.7770, -31.4421, 98.4196
Hunter-Lab	31.1382, 49.4810, 20.0534

# Details

The Hex color **B01300** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009DB0**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F05532**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **B01300**, and if you desaturate by 10%, it is **B02312**.

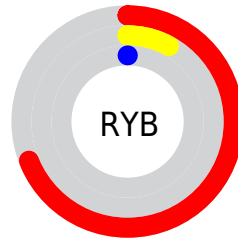
# Distribution



Red (69%)

Green (7%)

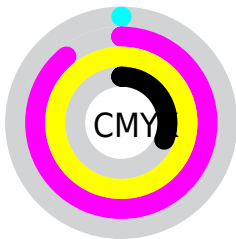
Blue (0%)



Red (69%)

Yellow (8%)

Blue (0%)

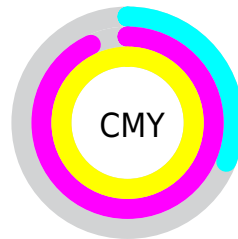


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B01300 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 B01300 by changing the saturation by 10% instead.



 B01300

 B01300

 FFFFEB

 910000

 F05532

 710000

 FF714A

 530000

 FF8D63

 370002

 FFA97D

 090000

 FFC697

 000000

 FFE3B2

 FFFFCE

 B01300

 B02312

 B03223


 B04235

 B05246

 B06258

 B0716A

 B0817B

 B0918D

 B0A09E

# Harmonies

## Analogous

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



C00044



B01300



8B4600

# Triad

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



B01300



006E2C



0059D5

# Complementary

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



B01300



009DB0

# 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.



006AD0



B01300



00706F

# Square

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



B01300



006900



0070AA



7237B7

# Rectangle

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



B01300



695700



0070AA



0060D8



# Sweetspot

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



B01300



E6A8A1



B0009E



734E49



F2F2F2



737373



# Same Dimension

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



B01300



E61900



B06A00



595150



991100



1A0300



# Inverse Universe

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



009DB0



00CDE6



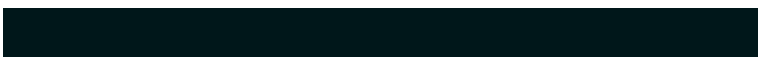
0046B0



505859



008899



00171A



# Previews

## White Background



This preview shows how the Hex color B01300 looks on a white background.

## Color Contrast Check

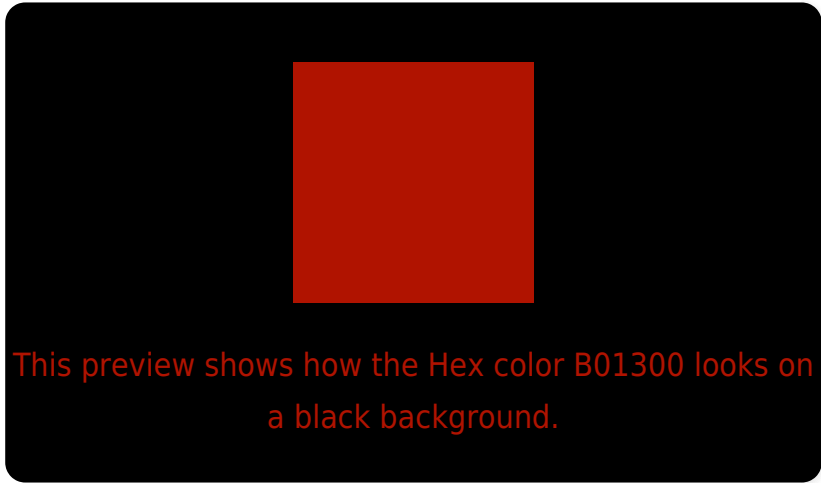
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B01300 Background



This preview shows how black text looks on a background with the Hex color B01300.



This preview shows how white text looks on a background with the Hex color B01300.

# 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



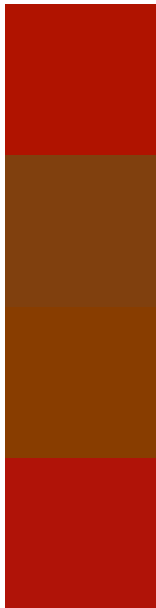
**Original Color**  
B01300

**Protanopia**  
655A16

**Deuteranopia**  
715500



# Trichromacy



**Original Color**  
B01300

**Protanomaly**  
80400E

**Deuteranomaly**  
883D00

**Tritanomaly**  
B01308

# Monochromacy



**Original Color**  
B01300

**Achromatopsia**  
404040

**Achromatomaly**  
693029

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B01300 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 #B01300 looks like.

```
.text, #text, p{  
    color:#B01300  
}
```

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 #B01300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01300
}
```

## Border

The CSS property to change the border of an element to Hex B01300 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
#B01300 }
```

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

```
.border{ border-color:#B01300 }
```

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

Here you see how a box with a 4 pixel #B01300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01300; -webkit-box-shadow:4px 4px  
4px 4px #B01300; box-shadow:4px 4px 4px  
4px #B01300 }
```

# Background

The CSS property to change the background color of an element to Hex B01300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01300 }
```

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

```
.background{ background-color:#B01300 }
```

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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