

Converting Colors

Hex(B58300)

Have a look what the booklet for
Hex(B58300) contains.

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Color

Hex(B58300)

Conversions

Conversions Part 1

Format	Color
Hex	B58300
RGB	181, 131, 0
RGB Percent	71%, 51%, 0%
CMY	0.2902, 0.4863, 1.0000
CMYK	0.00, 0.28, 1.00, 0.29
HSL	43°, 100%, 35%
HSV	43°, 100%, 71%
XYZ	27.1724, 26.0564, 3.5972
YIQ	131.0160, 71.8510, -30.1410

Conversions

Conversions Part 2

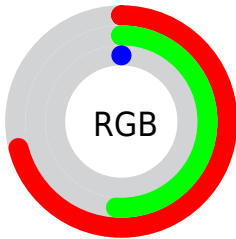
Format	Color
RYB	69, 181, 0
Decimal	11895552
CIELab	58.09, 10.03, 63.57
CIELCh	58, 64.353, 81.037
Yxy	26.0564, 0.4782, 0.4585
Android (android.graphics.Color)	4290085632 (0xFFB58300)
YUV	131.0160, -64.5909, 43.8360
Hunter-Lab	51.0454, 5.6891, 31.5536

Details

The Hex color **B58300** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0032B5**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F1B845**, and **7B5200** is the 20% darker color. If you saturate the color by 10%, you get **B58300**, and if you desaturate by 10%, it is **B58812**.

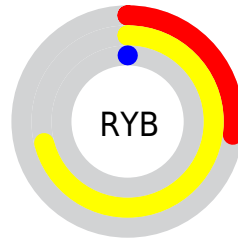
Distribution



Red (71%)

Green (51%)

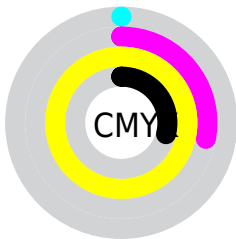
Blue (0%)



Red (27%)

Yellow (71%)

Blue (0%)

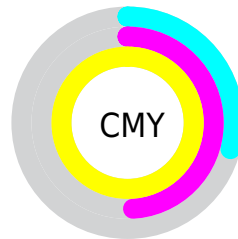


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B58300 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 B58300 by changing the saturation by 10% instead.

 B58300

 B58300

FFFFFF

 986A00

 F1B845

 7B5200

 FFD360

 5E3B00

 FFEF7B

 432600

 FFFF97

 291200

 FFFFB3

 050000

 FFFFCE

 000000

 FFFFEC

 B58300

 B58812

 B58D24

 B59236

 B59748

 B59C5B

 B5A16D

 B5A67F

 B5AB91

 B5B0A3

Harmonies

Analogous

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



DC6B34



B58300



819508

Triad

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



B58300



00A6B3



BF6AD3

Complementary

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



B58300



0032B5

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.



6884F5



B58300



00A2E3

Square

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



B58300



00A578



0097FB



E8559F

Rectangle

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



B58300



559D2E



0097FB



A873E1

Sweetspot

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



B58300



EBD7A4



B50033



756A4B



F5F5F5



757575

Same Dimension

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



B58300



EBAA00



8EB500



595750



996F00



1A1200

Inverse Universe

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



0032B5



0041EB



2700B5



505359



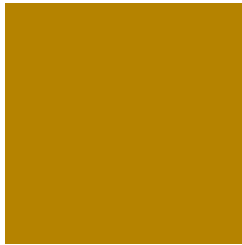
002A99



00071A

Previews

White Background



This preview shows how the Hex color B58300 looks on a white background.

Color Contrast Check

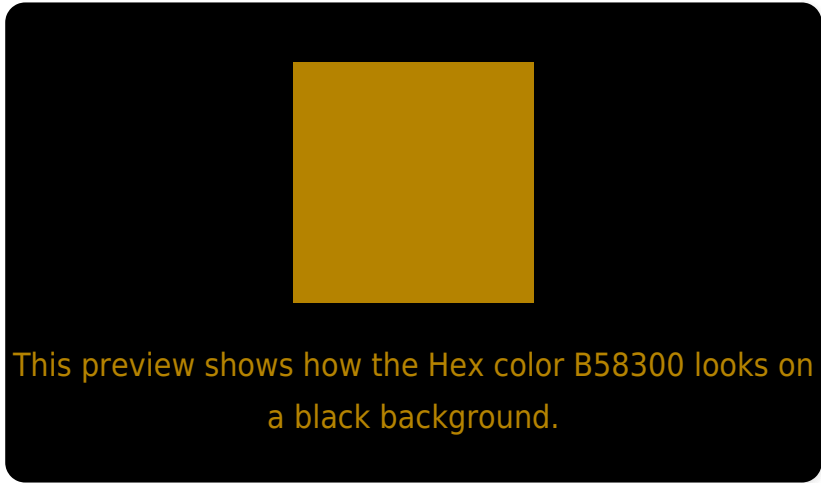
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B58300 Background



This preview shows how black text looks on a background with the Hex color B58300.



This preview shows how white text looks on a background with the Hex color B58300.

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
B58300

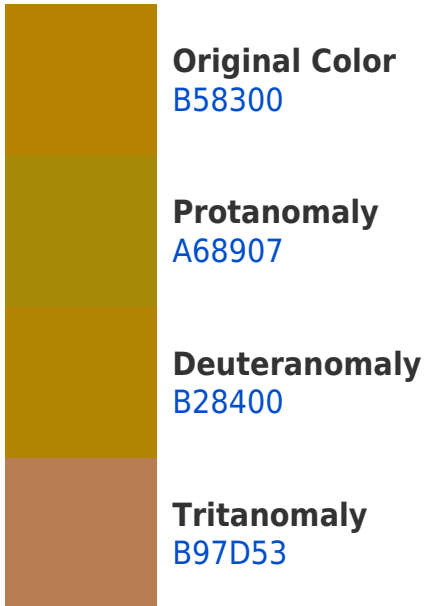
Protanopia
9E8C0B

Deuteranopia
B18500

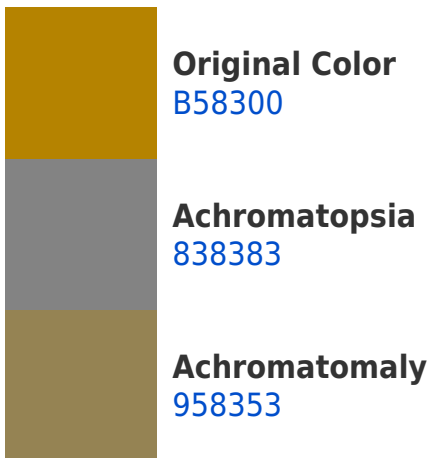


Tritanopia
BB7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B58300 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 #B58300 looks like.

```
.text, #text, p{  
    color:#B58300  
}
```

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 #B58300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58300
}
```

Border

The CSS property to change the border of an element to Hex B58300 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
#B58300 }
```

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

```
.border{ border-color:#B58300 }
```

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

Here you see how a box with a 4 pixel #B58300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58300; -webkit-box-shadow:4px 4px  
4px 4px #B58300; box-shadow:4px 4px 4px  
4px #B58300 }
```

Background

The CSS property to change the background color of an element to Hex B58300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58300 }
```

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

```
.background{ background-color:#B58300 }
```

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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