

Converting Colors

Hex(BA5300)

Have a look what the booklet for
Hex(BA5300) contains.

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Color

Hex(BA5300)

Conversions

Conversions Part 1

Format	Color
Hex	BA5300
RGB	186, 83, 0
RGB Percent	73%, 33%, 0%
CMY	0.2706, 0.6745, 1.0000
CMYK	0.00, 0.55, 1.00, 0.27
HSL	27°, 100%, 36%
HSV	27°, 100%, 73%
XYZ	23.3430, 16.6256, 1.9788
YIQ	104.3350, 88.0310, -3.9770

Conversions

Conversions Part 2

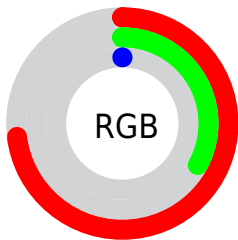
Format	Color
R_{YB}	186, 150, 0
Decimal	12210944
CIE _{Lab}	47.78, 38.18, 57.39
CIE _{LCh}	48, 68.933, 56.363
Yxy	16.6256, 0.5565, 0.3963
Android (android.graphics.Color)	4290401024 (0xFFBA5300)
YUV	104.3350, -51.4372, 71.6202
Hunter-Lab	40.7745, 30.8338, 25.6649

Details

The Hex color **BA5300** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0067BA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F9873C**, and **7D2000** is the 20% darker color. If you saturate the color by 10%, you get **BA5300**, and if you desaturate by 10%, it is **BA5D13**.

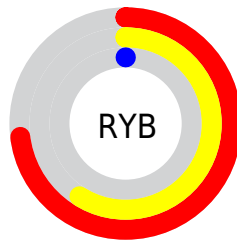
Distribution



Red (73%)

Green (33%)

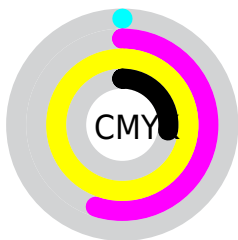
Blue (0%)



Red (73%)

Yellow (59%)

Blue (0%)

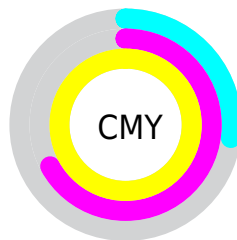


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA5300 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 BA5300 by changing the saturation by 10% instead.

 BA5300

 BA5300

 FFFFFB

 9B3A00

 F9873C

 7D2000

 FFA256

 5F0200

 FFBD70

 430000

 FFD98A

 290001

 FFF6A5

 000000

 FFFFC1

 FFFFDE

 BA5300

 BA5D13

 BA6825

 BA7238

 BA7C4A

 BA875D

 BA9170

 BA9B82

 BAA595

 BAB0A7

Harmonies

Analogous

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



D33342



BA5300



8F6D00

Triad

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



BA5300



008A68



5B65DB

Complementary

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



BA5300



0067BA

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.



007BE7



BA5300



008BA4

Square

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



BA5300



00862B



0087D2



AF45B3

Rectangle

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



BA5300



6C7800



0087D2



076EE2

Sweetspot

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



BA5300



F2CAAA



BA0069



7A624E



FAFAFA



7A7A7A

Same Dimension

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



BA5300



F26C00



BAAE00



5C5753



9C4500



1C0D00

Inverse Universe

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



0067BA



0086F2



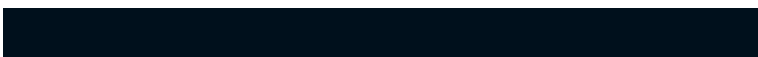
000CBA



53585C



00569C



00101C

Previews

White Background



This preview shows how the Hex color BA5300 looks on a white background.

Color Contrast Check

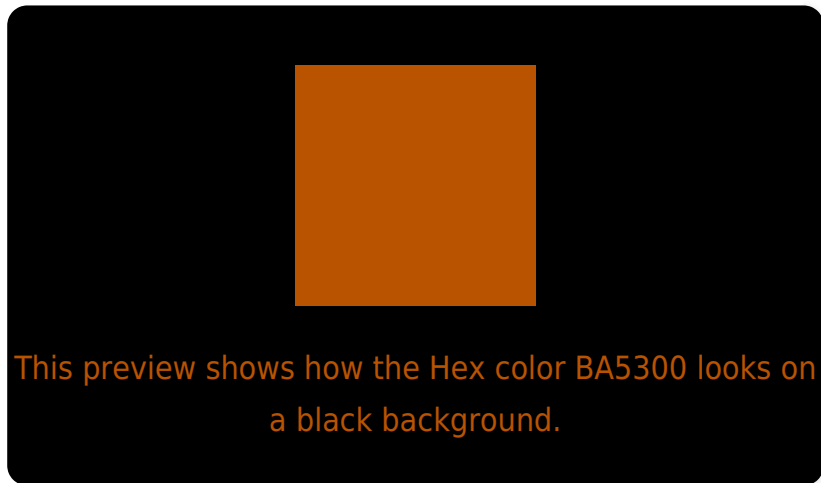
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA5300 Background



This preview shows how black text looks on a background with the Hex color BA5300.



This preview shows how white text looks on a background with the Hex color BA5300.

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

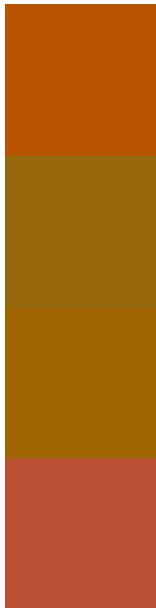


Original Color
BA5300

Protanopia
817211

Deuteranopia
906C00

Trichromacy



Original Color
BA5300

Protanomaly
96670B

Deuteranomaly
9F6300

Tritanomaly
BB4F34

Monochromacy



Original Color
BA5300

Achromatopsia
686868

Achromatomaly
866042

CSS Examples

Text

The CSS property to change the color of the text to Hex BA5300 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 #BA5300 looks like.

```
.text, #text, p{  
    color:#BA5300  
}
```

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 #BA5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA5300
}
```

Border

The CSS property to change the border of an element to Hex BA5300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

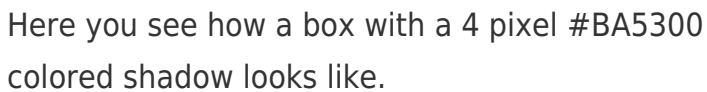
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA5300 }
```

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

```
.border{ border-color:#BA5300 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #BA5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA5300; -webkit-box-shadow:4px 4px  
4px 4px #BA5300; box-shadow:4px 4px 4px  
4px #BA5300 }
```

Background

The CSS property to change the background color of an element to Hex BA5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA5300 }
```

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

```
.background{ background-color:#BA5300 }
```

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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