

Converting Colors

Hex(BA4300)

Have a look what the booklet for
Hex(BA4300) contains.

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Color

Hex(BA4300)

Conversions

Conversions Part 1

Format	Color
Hex	BA4300
RGB	186, 67, 0
RGB Percent	73%, 26%, 0%
CMY	0.2706, 0.7373, 1.0000
CMYK	0.00, 0.64, 1.00, 0.27
HSL	22°, 100%, 36%
HSV	22°, 100%, 73%
XYZ	22.2569, 14.4534, 1.6167
YIQ	94.9430, 92.4310, 4.3910

Conversions

Conversions Part 2

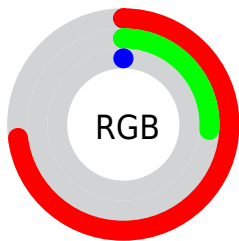
Format	Color
R_{YB}	186, 105, 0
Decimal	12206848
CIE _{Lab}	44.88, 45.79, 55.80
CIE _{LCh}	45, 72.183, 50.630
Yxy	14.4534, 0.5807, 0.3771
Android (android.graphics.Color)	4290396928 (0xFFBA4300)
YUV	94.9430, -46.8069, 79.8570
Hunter-Lab	38.0176, 37.9692, 24.0910

Details

The Hex color **BA4300** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0077BA**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F97839**, and **7C0500** is the 20% darker color. If you saturate the color by 10%, you get **BA4300**, and if you desaturate by 10%, it is **BA4F13**.

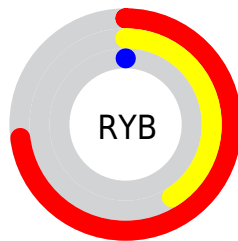
Distribution



Red (73%)

Green (26%)

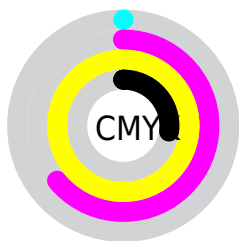
Blue (0%)



Red (73%)

Yellow (41%)

Blue (0%)

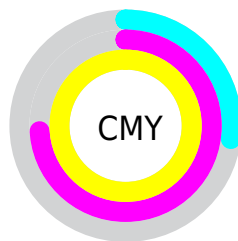


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA4300 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 BA4300 by changing the saturation by 10% instead.

 BA4300

 BA4300

 FFFFF6

 9B2800

 F97839

 7C0500

 FF9352

 5E0000

 FFAE6C

 410000

 FFCA86

 250001

 FFE7A1

 000000

 FFFFBD

 FFFF9D

 BA4300

 BA4F13

 BA5B25

 BA6738

 BA734A

 BA7F5D

 BA8A70

 BA9682

 BAA295

 BAAEA7

Harmonies

Analogous

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



D01844



BA4300



916100

Triad

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



BA4300



008255



2363DC

Complementary

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



BA4300



0077BA

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.



0077E2



BA4300



008493

Square

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



BA4300



007E0D



0081C7



9D41B8

Rectangle

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



BA4300



6E6F00



0081C7



006BE2

Sweetspot

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



BA4300



F2C4AA



BA0079



7A5E4E



FAFAFA



7A7A7A

Same Dimension

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



BA4300



F25700



BA9E00



5C5653



9C3800



1C0A00

Inverse Universe

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



0077BA



009BF2



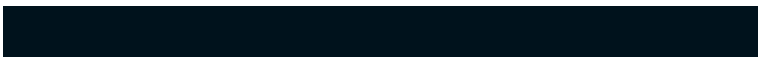
001CBA



53585C



00649C



00121C

Previews

White Background



This preview shows how the Hex color BA4300 looks on a white background.

Color Contrast Check

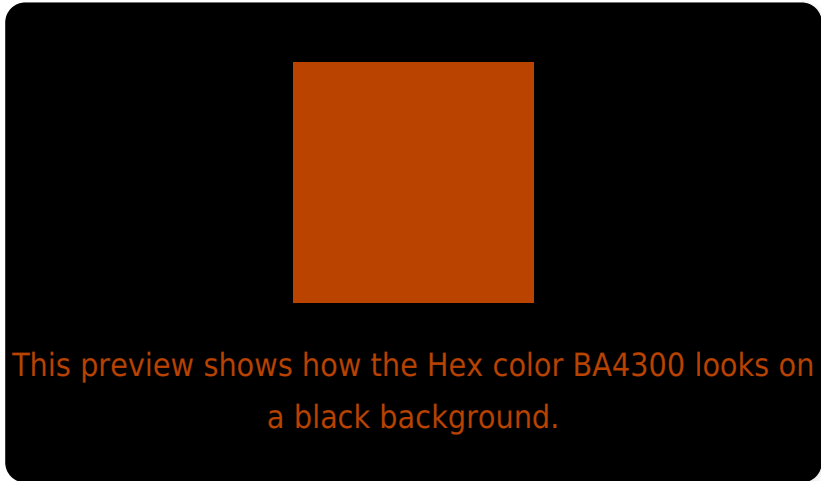
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA4300 Background



This preview shows how black text looks on a background with the Hex color BA4300.



This preview shows how white text looks on a background with the Hex color BA4300.

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
BA4300

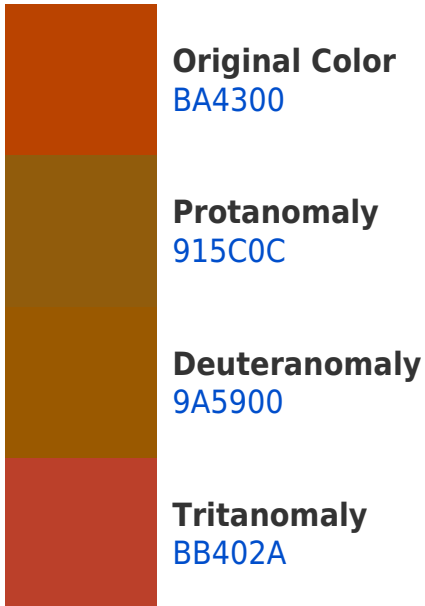
Protanopia
796B13

Deuteranopia
876600

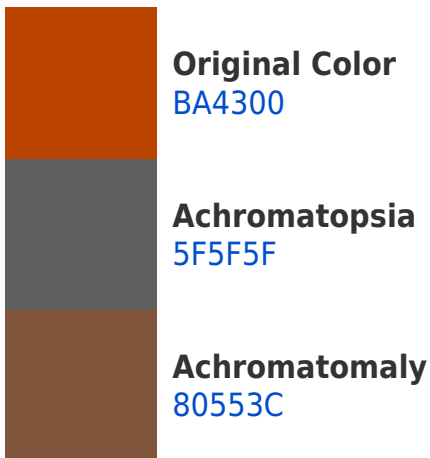


Tritanopia
BB3E42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA4300 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 #BA4300 looks like.

```
.text, #text, p{  
    color:#BA4300  
}
```

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 #BA4300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4300
}
```

Border

The CSS property to change the border of an element to Hex BA4300 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
#BA4300 }
```

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

```
.border{ border-color:#BA4300 }
```

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

Here you see how a box with a 4 pixel #BA4300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4300; -webkit-box-shadow:4px 4px  
4px 4px #BA4300; box-shadow:4px 4px 4px  
4px #BA4300 }
```

Background

The CSS property to change the background color of an element to Hex BA4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4300 }
```

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

```
.background{ background-color:#BA4300 }
```

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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