

Converting Colors

Hex(BA6303)

Have a look what the booklet for
Hex(BA6303) contains.

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Color

Hex(BA6303)

Conversions

Conversions Part 1

Format	Color
Hex	BA6303
RGB	186, 99, 3
RGB Percent	73%, 39%, 1%
CMY	0.2706, 0.6118, 0.9882
CMYK	0.00, 0.47, 0.98, 0.27
HSL	31°, 97%, 37%
HSV	31°, 98%, 73%
XYZ	24.7280, 19.3694, 2.5215
YIQ	114.0690, 82.6680, -11.4120

Conversions

Conversions Part 2

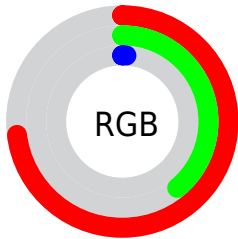
Format	Color
RYB	169, 186, 3
Decimal	12215043
CIELab	51.12, 29.90, 58.71
CIElCh	51, 65.885, 63.013
Yxy	19.3694, 0.5304, 0.4155
Android (android.graphics.Color)	4290405123 (0xFFBA6303)
YUV	114.0690, -54.7570, 63.0835
Hunter-Lab	44.0106, 23.2741, 27.4105

Details

The Hex color **BA6303** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **035ABA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F89740**, and **7E3300** is the 20% darker color. If you saturate the color by 10%, you get **BA6200**, and if you desaturate by 10%, it is **BA6C16**.

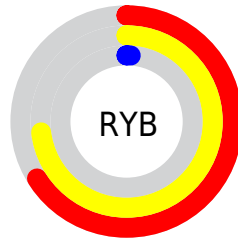
Distribution



Red (73%)

Green (39%)

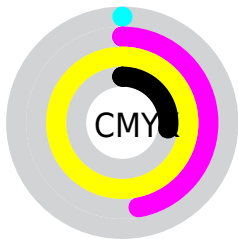
Blue (1%)



Red (66%)

Yellow (73%)

Blue (1%)

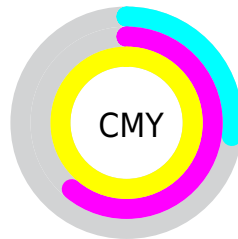


Cyan (0%)

Magenta (47%)

Yellow (98%)

Black (27%)



Cyan (27%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA6303 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 BA6303 by changing the saturation by 10% instead.

 BA6303

 BA6303

FFFFFF

 9C4A00

 F89740

 7E3300

 FFB25B

 611B00

 FFCD75

 440200

 FFEA90

 2C0001

 FFFFAB

 000000

 FFFFC7

 FFFF E4

 BA6303

 BA6303

■ BA6200

■ BA6C16

■ BA7528

■ BA7E3B

■ BA864D

■ BA8F60

■ BA9873

■ BAA185

■ BAAA98

■ BAB3AA

Harmonies

Analogous

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



D64840



BA6303



8E7900

Triad

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



BA6303



00937E



7F68D9

Complementary

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



BA6303



035ABA

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.



007FEB



BA6303



0092B6

Square

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



BA6303



008F43



008DDE



C14BAE

Rectangle

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



BA6303



698400



008DDE



5971E2

Sweetspot

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



BA6303



F2D0AA



BA035B



7A654E



FAFAFA



7A7A7A

Same Dimension

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



BA6303



F27F00



B7BA03



5C5753



9C5200



1C0F00

Inverse Universe

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



035ABA



0073F2



0603BA



53575C



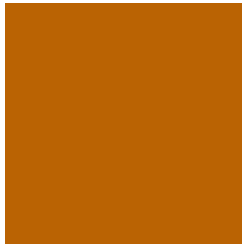
004A9C



000D1C

Previews

White Background



This preview shows how the Hex color BA6303 looks on a white background.

Color Contrast Check

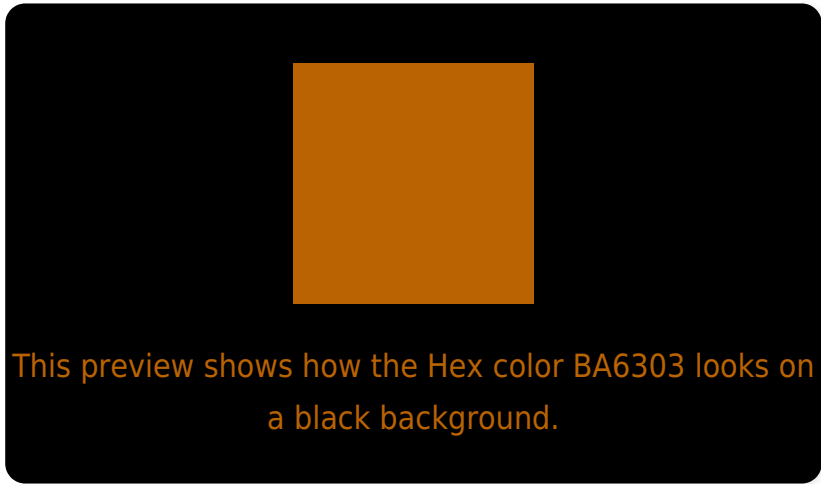
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA6303 Background



This preview shows how black text looks on a background with the Hex color BA6303.



This preview shows how white text looks on a background with the Hex color BA6303.

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
BA6303

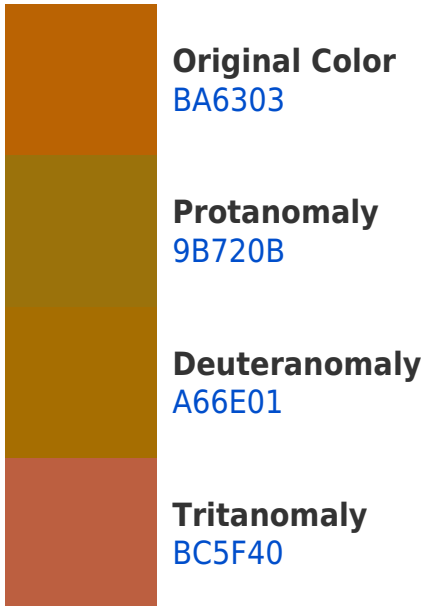
Protanopia
8A7B10

Deuteranopia
9B7400

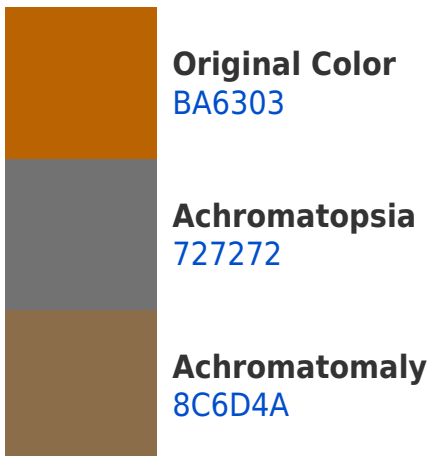


Tritanopia
BD5C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA6303 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 #BA6303 looks like.

```
.text, #text, p{  
    color:#BA6303  
}
```

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 #BA6303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6303
}
```

Border

The CSS property to change the border of an element to Hex BA6303 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
#BA6303 }
```

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

```
.border{ border-color:#BA6303 }
```

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

Here you see how a box with a 4 pixel #BA6303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6303; -webkit-box-shadow:4px 4px  
4px 4px #BA6303; box-shadow:4px 4px 4px  
4px #BA6303 }
```

Background

The CSS property to change the background color of an element to Hex BA6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6303 }
```

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

```
.background{ background-color:#BA6303 }
```

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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