

Converting Colors

Hex(BA5033)

Have a look what the booklet for
Hex(BA5033) contains.

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Color

Hex(BA5033)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BA5033 |
| RGB | 186, 80, 51 |
| RGB Percent | 73%, 31%, 20% |
| CMY | 0.2706, 0.6863, 0.8000 |
| CMYK | 0.00, 0.57, 0.73, 0.27 |
| HSL | 13°, 57%, 46% |
| HSV | 13°, 73%, 73% |
| XYZ | 23.7159, 16.4154, 5.0505 |
| YIQ | 108.3880, 72.4850, 13.4530 |

Conversions

Conversions Part 2

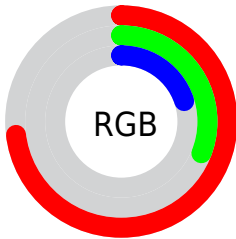
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 186, 88, 51 |
| Decimal | 12210227 |
| CIE _{Lab} | 47.51, 41.01, 37.65 |
| CIE _{LCh} | 48, 55.668, 42.555 |
| Yxy | 16.4154, 0.5249, 0.3633 |
| Android (android.graphics.Color) | 4290400307 (0xFFBA5033) |
| YUV | 108.3880, -28.2923, 68.0657 |
| Hunter-Lab | 40.5160, 33.5815, 20.9704 |

Details

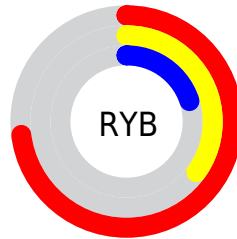
The Hex color **BA5033** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **339DBA**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **F78463**, and **7E1C05** is the 20% darker color. If you saturate the color by 10%, you get **BA4120**, and if you desaturate by 10%, it is **BA5F46**.

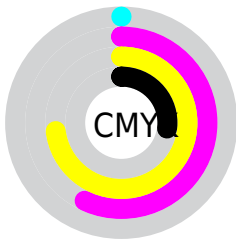
Distribution



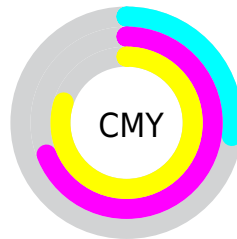
- Red (73%)
- Green (31%)
- Blue (20%)



- Red (73%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (57%)
- Yellow (73%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA5033 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 BA5033 by changing the saturation by 10% instead.

 BA5033

 BA5033

FFFFFF

 9C361C

 F78463

 7E1C05

 FF9F7C

 610000

 FFBB96

 440000

 FFD7B1

 2B0001

 FFF4CD

 000000

 FFFF E9

 BA5033

 BA5033

 BA4120

 BA5F46

 BA330E

 BA6D58

 BA2800

 BA7C6B

 BA8A7D

 BA9990

 BAA8A3

 BAB6B5

 BAC5C8

 BAD3DA

Harmonies

Analogous

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



C5415F



BA5033



9D6409

Triad

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



BA5033



008553



2C70CD

Complementary

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



BA5033



339DBA

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.



007ECA



BA5033



008684

Square

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



BA5033



3F7F25



0085AF



8C5BB6

Rectangle

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



BA5033



847000



0085AF



0075CF

Sweetspot

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



BA5033



F2C8BD



BA339F



7A615B



FAFAFA



7A7A7A

Same Dimension

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



BA5033



F24D1F



BA9233



5C5553



9C2100



1C0600

Inverse Universe

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



339DBA



1FC5F2



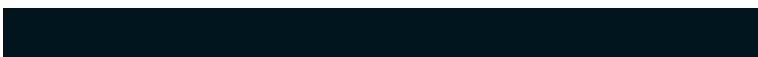
335BBA



535A5C



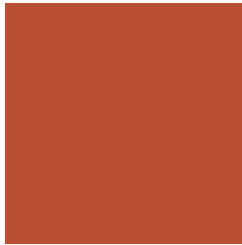
007A9C



00161C

Previews

White Background



This preview shows how the Hex color BA5033 looks on a white background.

Color Contrast Check

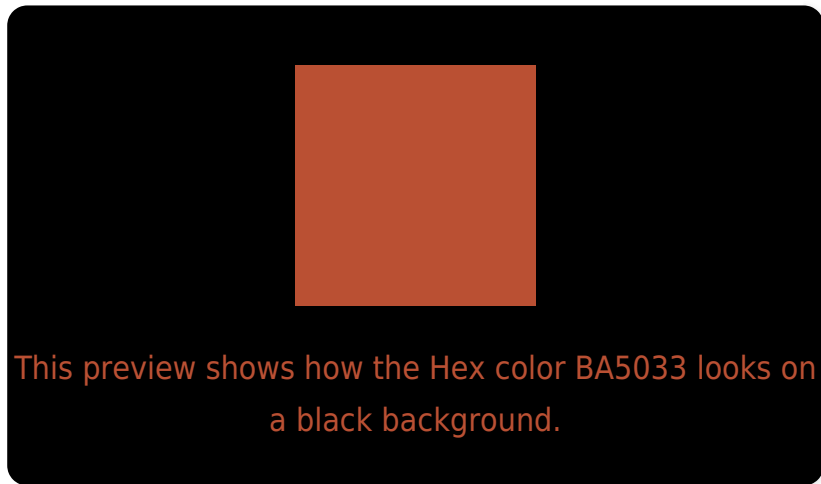
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA5033 Background



This preview shows how black text looks on a background with the Hex color BA5033.

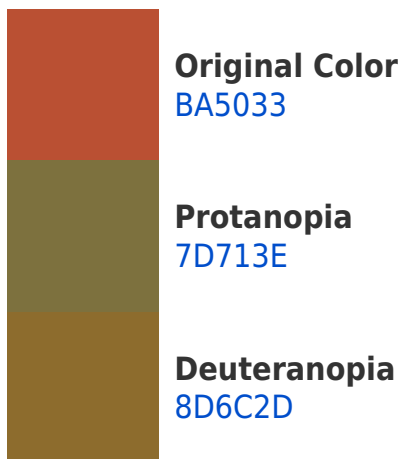


This preview shows how white text looks on a background with the Hex color BA5033.

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





Tritanopia
BB4C51

Trichromacy



Original Color
BA5033

Protanomaly
93653A

Deuteranomaly
9D622F

Tritanomaly
BB4D46

Monochromacy



Original Color
BA5033

Achromatopsia
6C6C6C

Achromatomaly
886257

CSS Examples

Text

The CSS property to change the color of the text to Hex BA5033 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 #BA5033 looks like.

```
.text, #text, p{  
    color:#BA5033  
}
```

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 #BA5033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA5033
}
```

Border

The CSS property to change the border of an element to Hex BA5033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

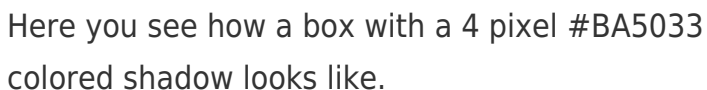
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA5033 }
```

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

```
.border{ border-color:#BA5033 }
```

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



Here you see how a box with a 4 pixel #BA5033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA5033; -webkit-box-shadow:4px 4px  
4px 4px #BA5033; box-shadow:4px 4px 4px  
4px #BA5033 }
```

Background

The CSS property to change the background color of an element to Hex BA5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA5033 }
```

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

```
.background{ background-color:#BA5033 }
```

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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