

Converting Colors

Hex(B04A33)

Have a look what the booklet for
Hex(B04A33) contains.

Hex(B04A33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B04A33)

Conversions

Conversions Part 1

Format	Color
Hex	B04A33
RGB	176, 74, 51
RGB Percent	69%, 29%, 20%
CMY	0.3098, 0.7098, 0.8000
CMYK	0.00, 0.58, 0.71, 0.31
HSL	11°, 55%, 45%
HSV	11°, 71%, 69%
XYZ	20.9508, 14.3667, 4.8008
YIQ	101.8760, 68.1750, 14.4710

Conversions

Conversions Part 2

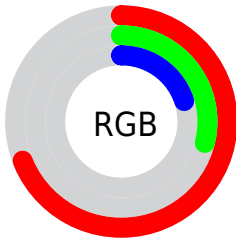
Format	Color
RYB	176, 79, 51
Decimal	11553331
CIELab	44.75, 40.16, 34.09
CIElCh	45, 52.682, 40.327
Yxy	14.3667, 0.5222, 0.3581
Android (android.graphics.Color)	4289743411 (0xFFB04A33)
YUV	101.8760, -25.0819, 65.0067
Hunter-Lab	37.9034, 32.3335, 19.0228

Details

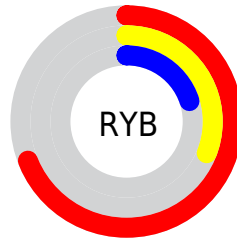
The Hex color **B04A33** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3399B0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **ED7E62**, and **751506** is the 20% darker color. If you saturate the color by 10%, you get **B03C21**, and if you desaturate by 10%, it is **B05845**.

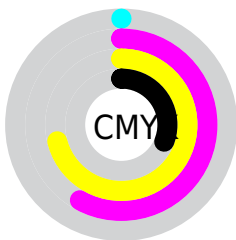
Distribution



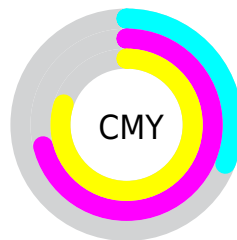
- Red (69%)
- Green (29%)
- Blue (20%)



- Red (69%)
- Yellow (31%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (31%)



- Cyan (31%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B04A33 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 B04A33 by changing the saturation by 10% instead.

 B04A33

 B04A33

FFFFFF

 92301D

 ED7E62

 751506

 FF997C

 580000

 FFB496

 3C0000

 FFD0B0

 1F0001

 FFEDCC

 000000

 FFFF E8

 B04A33

 B04A33

 B03C21

 B05845

 B02D10

 B06756

 B02000

 B07568

 B08379

 B0928B

 B0A09D

 B0AFAE

 B0BDC0

 B0CBD1

Harmonies

Analogous

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



B83D5D



B04A33



965D0D

Triad

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



B04A33



007C4B



1B6AC1

Complementary

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



B04A33



3399B0

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.



0077BD



B04A33



007E78

Square

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



B04A33



417720



007DA2



7F57AD

Rectangle

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



B04A33



7F6800



007DA2



006FC2

Sweetspot

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



B04A33



E6BEB5



B03399



735B56



F2F2F2



737373

Same Dimension

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



B04A33



E64622



B08833



595250



991C00



1A0500

Inverse Universe

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



3399B0



22C2E6



335BB0



505859



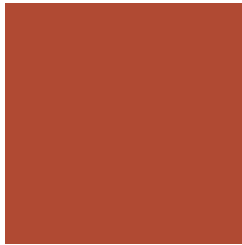
007D99



00151A

Previews

White Background



This preview shows how the Hex color B04A33 looks on a white background.

Color Contrast Check

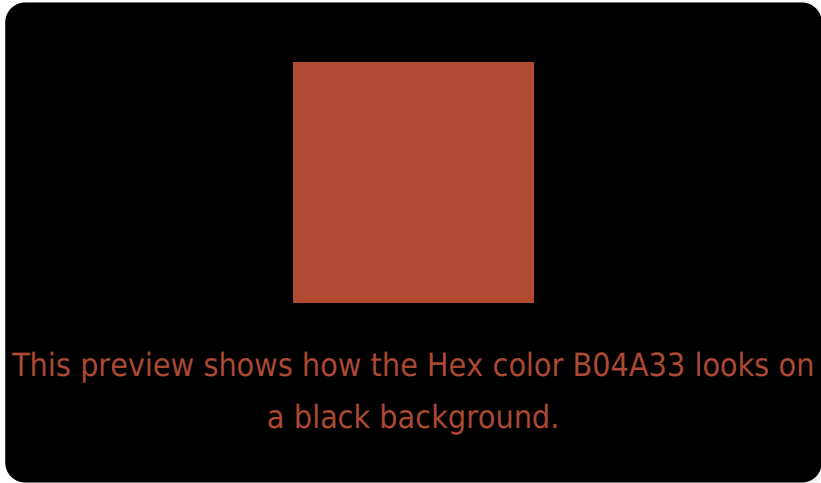
Large Text (above 18pt) WCAG AA ✓ Pass

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 B04A33 Background



This preview shows how black text looks on a background with the Hex color B04A33.



This preview shows how white text looks on a background with the Hex color B04A33.

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](#).

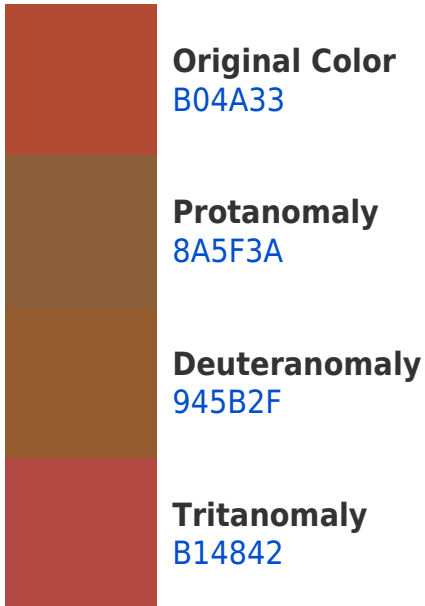
Dichromacy



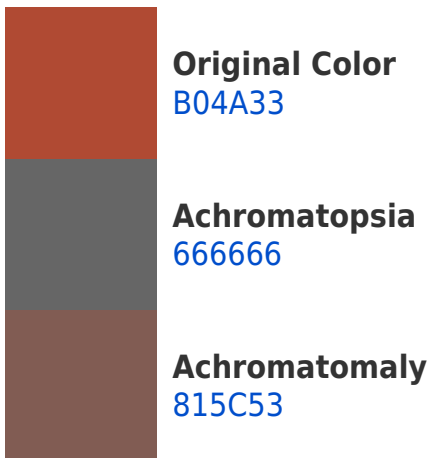


Tritanopia
B1474B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B04A33 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 #B04A33 looks like.

```
.text, #text, p{  
    color:#B04A33  
}
```

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 #B04A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04A33
}
```

Border

The CSS property to change the border of an element to Hex B04A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

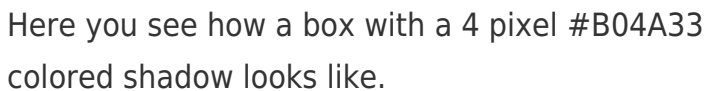
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04A33 }
```

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

```
.border{ border-color:#B04A33 }
```

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



Here you see how a box with a 4 pixel #B04A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04A33; -webkit-box-shadow:4px 4px  
4px 4px #B04A33; box-shadow:4px 4px 4px  
4px #B04A33 }
```

Background

The CSS property to change the background color of an element to Hex B04A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04A33 }
```

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

```
.background{ background-color:#B04A33 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor