

Converting Colors

Hex(B46331)

Have a look what the booklet for
Hex(B46331) contains.

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Color

Hex(B46331)

Conversions

Conversions Part 1

Format	Color
Hex	B46331
RGB	180, 99, 49
RGB Percent	71%, 39%, 19%
CMY	0.2941, 0.6118, 0.8078
CMYK	0.00, 0.45, 0.73, 0.29
HSL	23°, 57%, 45%
HSV	23°, 73%, 71%
XYZ	23.8386, 18.8487, 5.2875
YIQ	117.5190, 64.3260, 1.6220

Conversions

Conversions Part 2

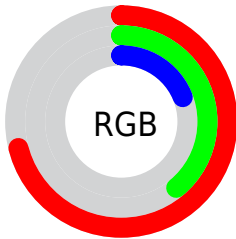
Format	Color
R _Y B	180, 130, 49
Decimal	11821873
CIE Lab	50.51, 28.64, 41.71
CIE LCh	51, 50.592, 55.522
Yxy	18.8487, 0.4969, 0.3929
Android (android.graphics.Color)	4290011953 (0xFFB46331)
YUV	117.5190, -33.7799, 54.7958
Hunter-Lab	43.4151, 22.0353, 23.1697

Details

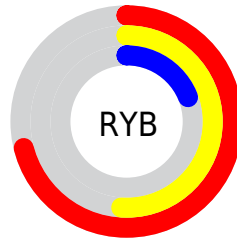
The Hex color **B46331** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3182B4**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F09762**, and **7A3300** is the 20% darker color. If you saturate the color by 10%, you get **B4581F**, and if you desaturate by 10%, it is **B46E43**.

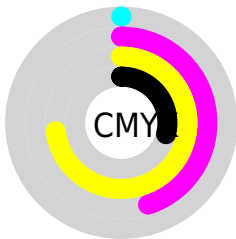
Distribution



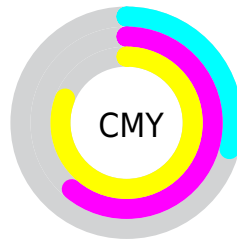
- Red (71%)
- Green (39%)
- Blue (19%)



- Red (71%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B46331 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 B46331 by changing the saturation by 10% instead.

 B46331

 B46331

FFFFFF

 974A19

 F09762

 7A3300

 FF27B

 5D1B00

 FFCD95

 410300

 FFEAB0

 2A0001

 FFFFCC

 000000

 FFFF9

 B46331

 B46331

 B4581F

 B46E43

 B44D0D

 B47955

 B44500

 B48467

 B49079

 B49B8B

 B4A69D

 B4B1AF

 B4BCC1

 B4C7D3

Harmonies

Analogous

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



C55456



B46331



94741A

Triad

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



B46331



008C70



6D70C6

Complementary

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



B46331



3182B4

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.



007FCE



B46331



008D9C

Square

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



B46331



308945



0089BF



A65DAA

Rectangle

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



B46331



7A7D1C



0089BF



5075CC

Sweetspot

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



B46331



EBCBB7



B43184



756257



F5F5F5



757575

Same Dimension

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



B46331



EB6C1E



B4A331



595450



993A00



1A0A00

Inverse Universe

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



3182B4



1E9DEB



3142B4



505659



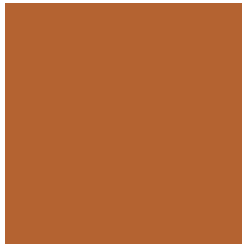
005F99



00101A

Previews

White Background



This preview shows how the Hex color B46331 looks on a white background.

Color Contrast Check

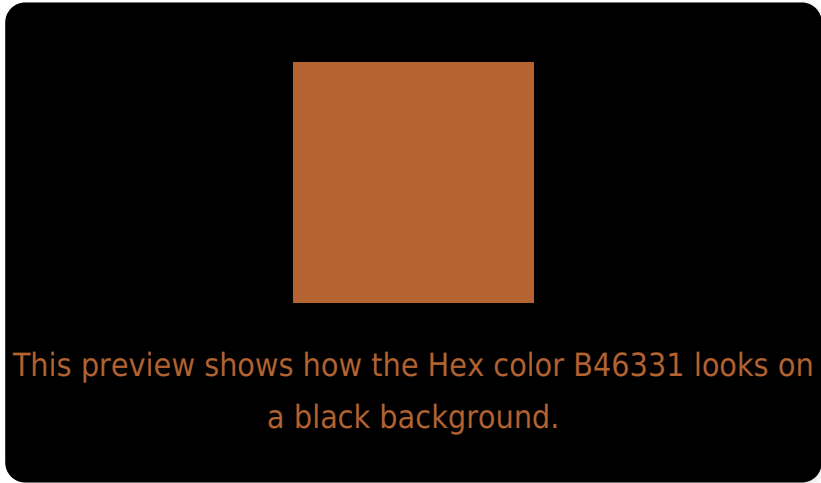
Large Text (above 18pt) WCAG AA ✓ Pass

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

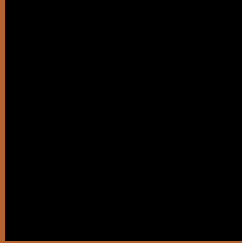
Any Text WCAG AA ✓ Pass

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 B46331 Background



This preview shows how black text looks on a background with the Hex color B46331.



This preview shows how white text looks on a background with the Hex color B46331.

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
B46331

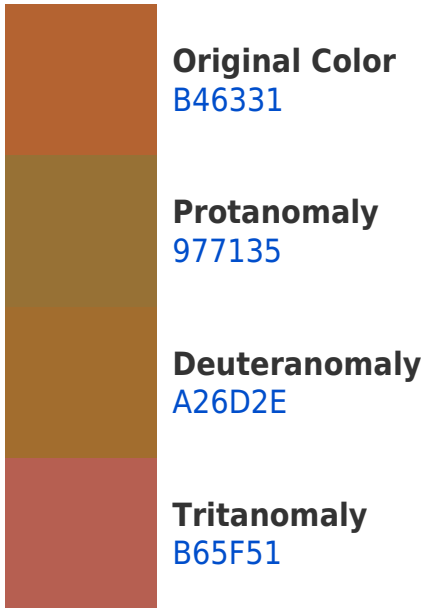
Protanopia
867938

Deuteranopia
97732D



Tritanopia
B75D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B46331 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 #B46331 looks like.

```
.text, #text, p{  
    color:#B46331  
}
```

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 #B46331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46331
}
```

Border

The CSS property to change the border of an element to Hex B46331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

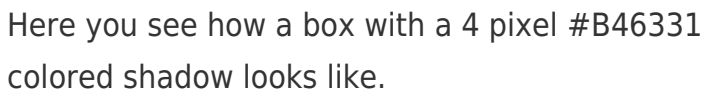
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46331 }
```

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

```
.border{ border-color:#B46331 }
```

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 #B46331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46331; -webkit-box-shadow:4px 4px  
4px 4px #B46331; box-shadow:4px 4px 4px  
4px #B46331 }
```

Background

The CSS property to change the background color of an element to Hex B46331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46331 }
```

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

```
.background{ background-color:#B46331 }
```

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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