

Converting Colors

Hex(B16933)

Have a look what the booklet for
Hex(B16933) contains.

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Color

Hex(B16933)

Conversions

Conversions Part 1

Format	Color
Hex	B16933
RGB	177, 105, 51
RGB Percent	69%, 41%, 20%
CMY	0.3059, 0.5882, 0.8000
CMYK	0.00, 0.41, 0.71, 0.31
HSL	26°, 55%, 45%
HSV	26°, 71%, 69%
XYZ	23.7806, 19.6893, 5.6790
YIQ	120.3720, 60.2460, -1.5300

Conversions

Conversions Part 2

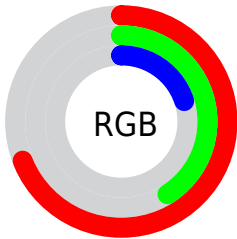
Format	Color
RYB	177, 146, 51
Decimal	11626803
CIELab	51.48, 24.18, 41.63
CIELCh	51, 48.142, 59.845
Yxy	19.6893, 0.4838, 0.4006
Android (android.graphics.Color)	4289816883 (0xFFB16933)
YUV	120.3720, -34.2004, 49.6628
Hunter-Lab	44.3726, 18.0113, 23.4726

Details

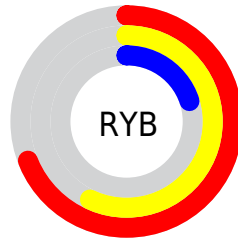
The Hex color **B16933** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **337BB1**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ED9D64**, and **773901** is the 20% darker color. If you saturate the color by 10%, you get **B15F21**, and if you desaturate by 10%, it is **B17345**.

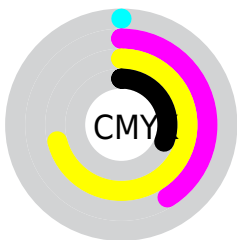
Distribution



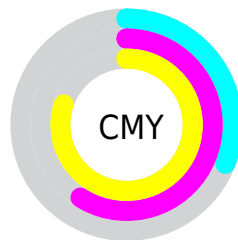
- Red (69%)
- Green (41%)
- Blue (20%)



- Red (69%)
- Yellow (57%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (31%)



- Cyan (31%)
- Magenta (59%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16933 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 B16933 by changing the saturation by 10% instead.

 B16933

 B16933

FFFFFF

 94501B

 ED9D64

 773901

 FFB87E

 5C2200

 FFD498

 400C00

 FFF0B3

 280000

 FFFFCF

 000000

 FFFFEB

 B16933

 B16933

 B15F21

 B17345

 B15510

 B17D56

 B14C00

 B18768

 B1917A

 B19C8B

 B1A69D

 B1B0AF

 B1BAC1

 B1C4D2

Harmonies

Analogous

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



C45A54



B16933



917922

Triad

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



B16933



008F79



7B70C2

Complementary

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



B16933



337BB1

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.



037FCD



B16933



008EA2

Square

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



B16933



2D8B4F



0089C1



AC5FA5

Rectangle

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



B16933



778127



0089C1



6376C8

Sweetspot

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



B16933



E6CAB5



B1337C



736256



F2F2F2



737373

Same Dimension

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



B16933



E67622



B1A733



595450



994200



1A0B00

Inverse Universe

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



337BB1



2292E6



333DB1



505559



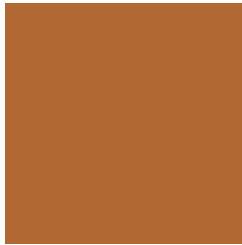
005799



000F1A

Previews

White Background



This preview shows how the Hex color B16933 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

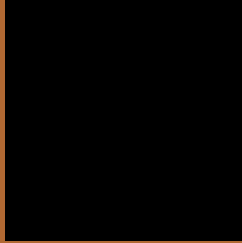
Any Text WCAG AA ✓ Pass

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 B16933 Background



This preview shows how black text looks on a background with the Hex color B16933.



This preview shows how white text looks on a background with the Hex color B16933.

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
B16933

Protanopia
897B39

Deuteranopia
997530



Tritanopia
B4636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B16933 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 #B16933 looks like.

```
.text, #text, p{  
    color:#B16933  
}
```

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 #B16933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16933
}
```

Border

The CSS property to change the border of an element to Hex B16933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

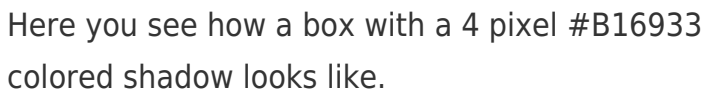
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B16933 }
```

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

```
.border{ border-color:#B16933 }
```

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, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B16933 colored shadow looks like."

Here you see how a box with a 4 pixel #B16933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16933; -webkit-box-shadow:4px 4px  
4px 4px #B16933; box-shadow:4px 4px 4px  
4px #B16933 }
```

Background

The CSS property to change the background color of an element to Hex B16933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16933 }
```

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

```
.background{ background-color:#B16933 }
```

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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