

Converting Colors

Hex(A33000)

Have a look what the booklet for
Hex(A33000) contains.

Hex(A33000)	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(A33000)

Conversions

Conversions Part 1

Format	Color
Hex	A33000
RGB	163, 48, 0
RGB Percent	64%, 19%, 0%
CMY	0.3608, 0.8118, 1.0000
CMYK	0.00, 0.71, 1.00, 0.36
HSL	18°, 100%, 32%
HSV	18°, 100%, 64%
XYZ	16.1612, 9.9004, 1.0592
YIQ	76.9130, 83.9480, 9.4520

Conversions

Conversions Part 2

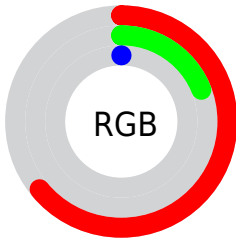
Format	Color
RYB	163, 68, 0
Decimal	10694656
CIELab	37.66, 45.69, 49.83
CIELCh	38, 67.608, 47.478
Yxy	9.9004, 0.5959, 0.3650
Android (android.graphics.Color)	4288884736 (0xFFA33000)
YUV	76.9130, -37.9181, 75.4983
Hunter-Lab	31.4650, 36.6185, 20.0296

Details

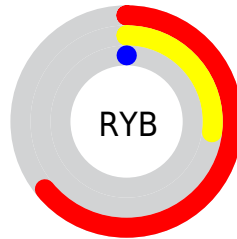
The Hex color **A33000** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0073A3**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E16534**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A33000**, and if you desaturate by 10%, it is **A33B10**.

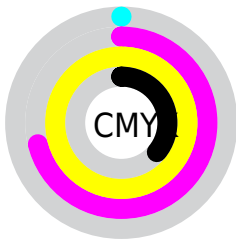
Distribution



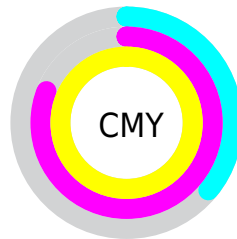
- Red (64%)
- Green (19%)
- Blue (0%)



- Red (64%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (36%)



- Cyan (36%)
- Magenta (81%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33000 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 A33000 by changing the saturation by 10% instead.

 A33000

 A33000

 FFFFEE

 851100

 E16534

 660000

 FF804C

 490000

 FF9B65

 2F0002

 FFB67F

 000000

 FFD39A

 FFF0B5

 FFFFD1

 A33000

 A33B10

 A34721

 A35331

 A35E41

 A36A52

 A37562

 A38172

 A38C82

 A39793

Harmonies

Analogous

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



B5003C



A33000



804E00

Triad

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



A33000



006E3F



0055C3

Complementary

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



A33000



0073A3

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.



0066C5



A33000



006F78

Square

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



A33000



006900



006EA9



8036A4

Rectangle

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



A33000



615B00



006EA9



005CC7

Sweetspot

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



A33000



D4A794



A30075



6B5045



EBEBEB



6B6B6B

Same Dimension

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



A33000



D43E00



A38000



524C49



912B00



120500

Inverse Universe

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



0073A3



0095D4



0023A3



494F52



006791



000D12

Previews

White Background



This preview shows how the Hex color A33000 looks on a white background.

Color Contrast Check

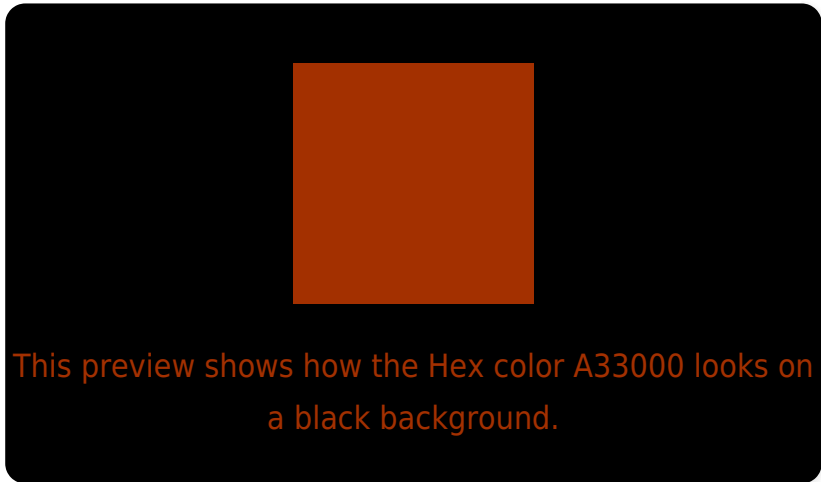
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A33000 Background



This preview shows how black text looks on a background with the Hex color A33000.

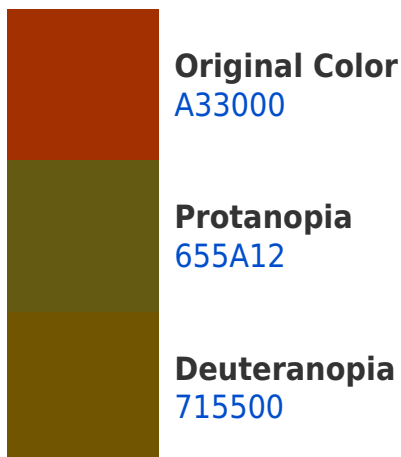


This preview shows how white text looks on a background with the Hex color A33000.

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](#).

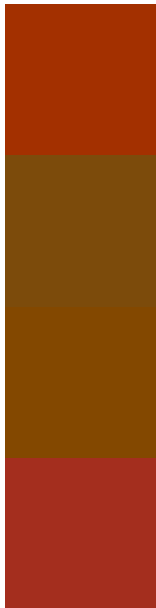
Dichromacy





Tritanopia
A42D2F

Trichromacy



Original Color
A33000

Protanomaly
7C4B0B

Deuteranomaly
834800

Tritanomaly
A42E1E

Monochromacy



Original Color
A33000

Achromatopsia
4D4D4D

Achromatomaly
6C4231

CSS Examples

Text

The CSS property to change the color of the text to Hex A33000 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 #A33000 looks like.

```
.text, #text, p{  
    color:#A33000  
}
```

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 #A33000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33000
}
```

Border

The CSS property to change the border of an element to Hex A33000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

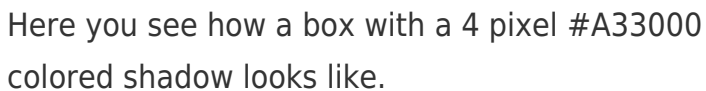
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33000 }
```

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

```
.border{ border-color:#A33000 }
```

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, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #A33000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33000; -webkit-box-shadow:4px 4px  
4px 4px #A33000; box-shadow:4px 4px 4px  
4px #A33000 }
```

Background

The CSS property to change the background color of an element to Hex A33000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33000 }
```

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

```
.background{ background-color:#A33000 }
```

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