

Converting Colors

Hex(A09333)

Have a look what the booklet for
Hex(A09333) contains.

Hex(A09333)	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(A09333)

Conversions

Conversions Part 1

Format	Color
Hex	A09333
RGB	160, 147, 51
RGB Percent	63%, 58%, 20%
CMY	0.3725, 0.4235, 0.8000
CMYK	0.00, 0.08, 0.68, 0.37
HSL	53°, 52%, 41%
HSV	53°, 68%, 63%
XYZ	25.5285, 28.5800, 7.3030
YIQ	139.9430, 38.5640, -27.1000

Conversions

Conversions Part 2

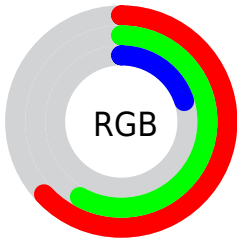
Format	Color
R _{YB}	66, 160, 51
Decimal	10523443
CIE Lab	60.41, -6.75, 50.48
CIE LCh	60, 50.929, 97.615
Yxy	28.5800, 0.4157, 0.4654
Android (android.graphics.Color)	4288713523 (0xFFA09333)
YUV	139.9430, -43.8489, 17.5900
Hunter-Lab	53.4603, -8.3179, 29.3229

Details

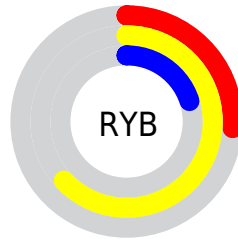
The Hex color **A09333** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3340A0**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D9C967**, and **696100** is the 20% darker color. If you saturate the color by 10%, you get **A09123**, and if you desaturate by 10%, it is **A09543**.

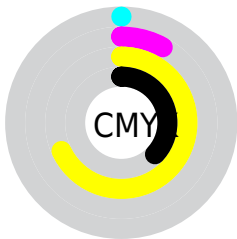
Distribution



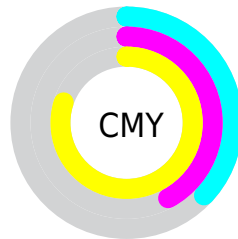
- Red (63%)
- Green (58%)
- Blue (20%)



- Red (26%)
- Yellow (63%)
- Blue (20%)



- Cyan (0%)
- Magenta (8%)
- Yellow (68%)
- Black (37%)



- Cyan (37%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color A09333 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 A09333 by changing the saturation by 10% instead.

 A09333

 A09333

FFFFFF

 847917

 D9C967

 696100

 F7E581

 4F4900

 FFFF9C

 353300

 FFFFB8


 1D1E00

 FFFFD4

 000300

 FFFFF1

 000000

 A09333

 A09333

 A09123

 A09543

■ A08F13

■ A09753

■ A08D03

■ A09963

■ A08D00

■ A09B73

■ A09D83

■ A09E93

■ A0A0A3

■ A0A2B3

■ A0A4C3

Harmonies

Analogous

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



C6833D



A09333



709F47

Triad

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



A09333



00A6C7



D170B5

Complementary

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



A09333



3340A0

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.



A381D9



A09333



009FE4

Square

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



A09333



00A89C



5393EB



E46A88

Rectangle

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



A09333



46A45F



5393EB



C575C2

Sweetspot

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



A09333



D1CCA7



A03342



69664F



E8E8E8



696969

Same Dimension

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



A09333



D1BD26



78A033



4F4E47



8F7E00



0F0D00

Inverse Universe

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



3340A0



263AD1



5B33A0



47484F



00118F



00020F

Previews

White Background



This preview shows how the Hex color A09333 looks on a white background.

Color Contrast Check

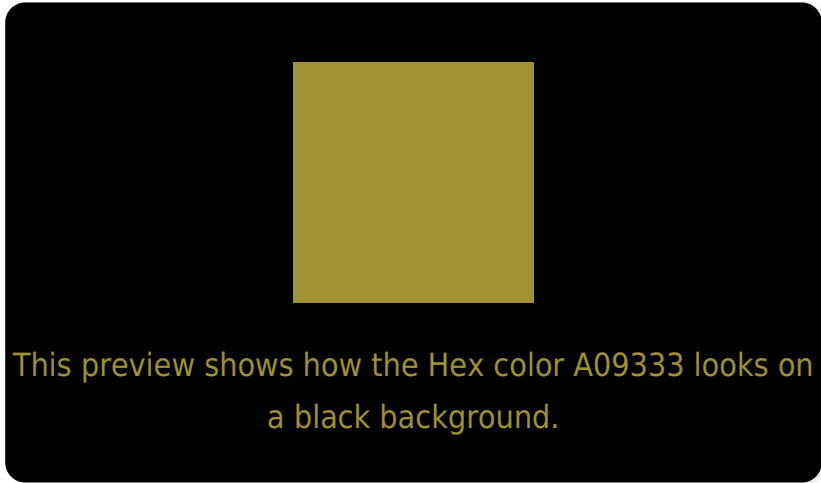
Large Text (above 18pt) WCAG AA ✓ Pass

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 A09333 Background



This preview shows how black text looks on a background with the Hex color A09333.



This preview shows how white text looks on a background with the Hex color A09333.

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
A09333

Protanopia
A39233

Deuteranopia
B68A36



Tritanopia
A88A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A09333 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 #A09333 looks like.

```
.text, #text, p{  
    color:#A09333  
}
```

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 #A09333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A09333
}
```

Border

The CSS property to change the border of an element to Hex A09333 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
#A09333 }
```

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

```
.border{ border-color:#A09333 }
```

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

Here you see how a box with a 4 pixel #A09333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A09333; -webkit-box-shadow:4px 4px  
4px 4px #A09333; box-shadow:4px 4px 4px  
4px #A09333 }
```

Background

The CSS property to change the background color of an element to Hex A09333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A09333 }
```

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

```
.background{ background-color:#A09333 }
```

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