

Converting Colors

Hex(A9B310)

Have a look what the booklet for
Hex(A9B310) contains.

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Color

Hex(A9B310)

Conversions

Conversions Part 1

Format	Color
Hex	A9B310
RGB	169, 179, 16
RGB Percent	66%, 70%, 6%
CMY	0.3373, 0.2980, 0.9373
CMYK	0.06, 0.00, 0.91, 0.30
HSL	64°, 84%, 38%
HSV	64°, 91%, 70%
XYZ	32.5758, 40.7126, 6.6316
YIQ	157.4280, 46.3630, -52.8130

Conversions

Conversions Part 2

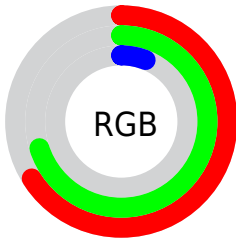
Format	Color
RYB	16, 179, 26
Decimal	11121424
CIELab	69.97, -20.67, 69.54
CIELCh	70, 72.548, 106.553
Yxy	40.7126, 0.4076, 0.5094
Android (android.graphics.Color)	4289311504 (0xFFA9B310)
YUV	157.4280, -69.7240, 10.1486
Hunter-Lab	63.8064, -20.5297, 38.5023

Details

The Hex color **A9B310** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1A10B3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E4EB54**, and **707F00** is the 20% darker color. If you saturate the color by 10%, you get **A8B300**, and if you desaturate by 10%, it is **AAB322**.

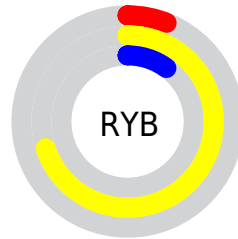
Distribution



Red (66%)

Green (70%)

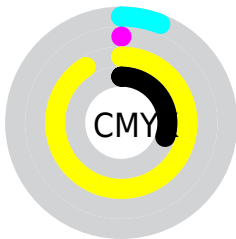
Blue (6%)



Red (6%)

Yellow (70%)

Blue (10%)

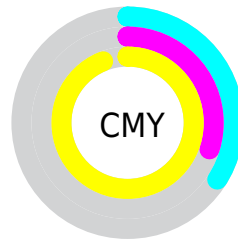


Cyan (6%)

Magenta (0%)

Yellow (91%)

Black (30%)



Cyan (34%)

Magenta (30%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9B310 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 A9B310 by changing the saturation by 10% instead.

 A9B310

 A9B310

FFFFFF

 8C9800

 E4EB54

 707F00

 FFFF70

 556600

 FFFF8C

 3A4E00

 FFFFA8

 1F3700

 FFFFC5

 012200

 FFFF E2

 000000

 A9B310

 A9B310

 A8B300

 AAB322

 ABB334

 ACB346

 ADB358

 AEB36A

 B0B37B

 B1B38D

 B2B39F

 B3B3B1

Harmonies

Analogous

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



E49D18



A9B310



5AC149

Triad

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



A9B310



00C6FF



FF6ECC

Complementary

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



A9B310



1A10B3

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.



DC89FF



A9B310



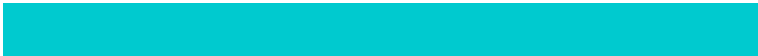
00BBFF

Square

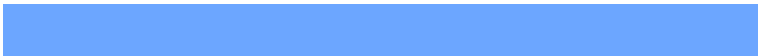
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A9B310



00CACF



6CA6FF



FF6B89

Rectangle

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



A9B310



00C674



6CA6FF



FF76E1

Sweetspot

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



A9B310



E4E8A9



B31810



737550



F5F5F5



757575

Same Dimension

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



A9B310



DAE800



59B310



595950



909900



181A00

Inverse Universe

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



1A10B3



0E00E8



6A10B3



515059



090099



02001A

Previews

White Background



This preview shows how the Hex color A9B310 looks on a white background.

Color Contrast Check

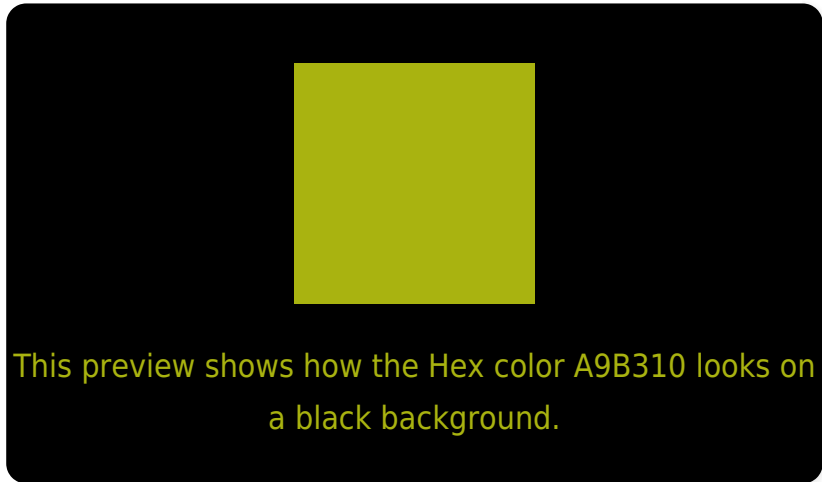
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A9B310 Background



This preview shows how black text looks on a background with the Hex color A9B310.



This preview shows how white text looks on a background with the Hex color A9B310.

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
A9B310

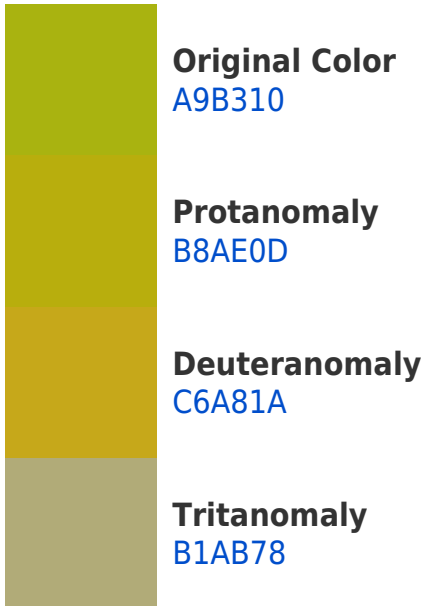
Protanopia
C1AB0C

Deuteranopia
D7A220



Tritanopia
B6A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9B310 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 #A9B310 looks like.

```
.text, #text, p{  
    color:#A9B310  
}
```

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 #A9B310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9B310
}
```

Border

The CSS property to change the border of an element to Hex A9B310 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
#A9B310 }
```

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

```
.border{ border-color:#A9B310 }
```

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

Here you see how a box with a 4 pixel #A9B310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9B310; -webkit-box-shadow:4px 4px  
4px 4px #A9B310; box-shadow:4px 4px 4px  
4px #A9B310 }
```

Background

The CSS property to change the background color of an element to Hex A9B310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9B310 }
```

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

```
.background{ background-color:#A9B310 }
```

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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