

Converting Colors

Hex(A7B306)

Have a look what the booklet for
Hex(A7B306) contains.

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Color

Hex(A7B306)

Conversions

Conversions Part 1

Format	Color
Hex	A7B306
RGB	167, 179, 6
RGB Percent	65%, 70%, 2%
CMY	0.3451, 0.2980, 0.9765
CMYK	0.07, 0.00, 0.97, 0.30
HSL	64°, 94%, 36%
HSV	64°, 97%, 70%
XYZ	32.0893, 40.4688, 6.2923
YIQ	155.6900, 48.3810, -56.3470

Conversions

Conversions Part 2

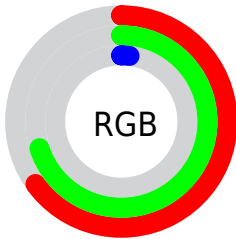
Format	Color
RYB	6, 179, 18
Decimal	10990342
CIELab	69.80, -21.68, 70.61
CIELCh	70, 73.864, 107.067
Yxy	40.4688, 0.4070, 0.5132
Android (android.graphics.Color)	4289180422 (0xFFA7B306)
YUV	155.6900, -73.7972, 9.9189
Hunter-Lab	63.6151, -21.2859, 38.6661

Details

The Hex color **A7B306** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1206B3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E2EB50**, and **6E7E00** is the 20% darker color. If you saturate the color by 10%, you get **A7B300**, and if you desaturate by 10%, it is **A8B318**.

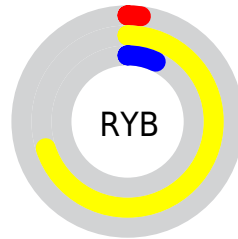
Distribution



Red (65%)

Green (70%)

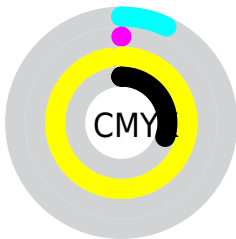
Blue (2%)



Red (2%)

Yellow (70%)

Blue (7%)

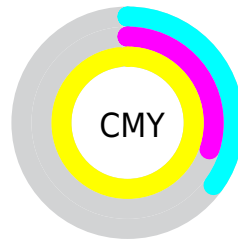


Cyan (7%)

Magenta (0%)

Yellow (97%)

Black (30%)



Cyan (35%)

Magenta (30%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7B306 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 A7B306 by changing the saturation by 10% instead.



A7B306



A7B306

FFFFFF



8A9800



E2EB50



6E7E00



FFFF6D



536600



FFF89



384E00



FFFA5



1D3700



FFFC2



002200



FFFDF



000000



FFFFD



A7B306



A7B306

 A7B300

 A8B318

 A9B32A

 ABB33C

 ACB34E

 ADB360

 AEB371

 B0B383

 B1B395

 B2B3A7

Harmonies

Analogous

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



E39D0F



A7B306



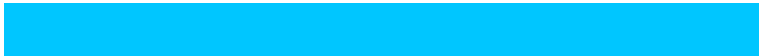
55C148

Triad

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



A7B306



00C6FF



FF6CCB

Complementary

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



A7B306



1206B3

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.



DD87FF



A7B306



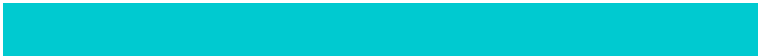
00BBFF

Square

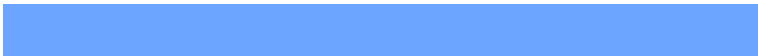
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A7B306



00CAD0



6BA5FF



FF6987

Rectangle

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



A7B306



00C673



6BA5FF



FF73E0

Sweetspot

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



A7B306



E3E8A5



B31206



72754C



F5F5F5



757575

Same Dimension

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



A7B306



D8E800



51B306



595950



8E9900



181A00

Inverse Universe

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



1206B3



1000E8



6806B3



515059



0B0099



02001A

Previews

White Background



This preview shows how the Hex color A7B306 looks on a white background.

Color Contrast Check

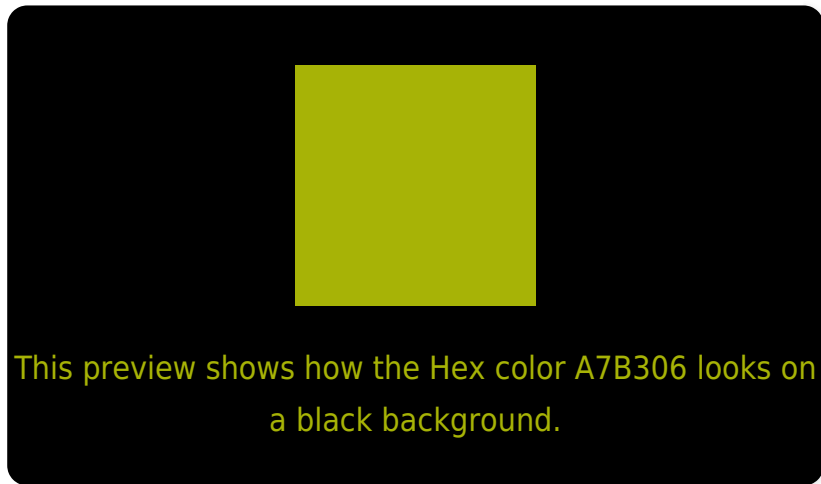
Large Text (above 18pt) WCAG AA × Fail

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 A7B306 Background



This preview shows how black text looks on a background with the Hex color A7B306.



This preview shows how white text looks on a background with the Hex color A7B306.

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
A7B306

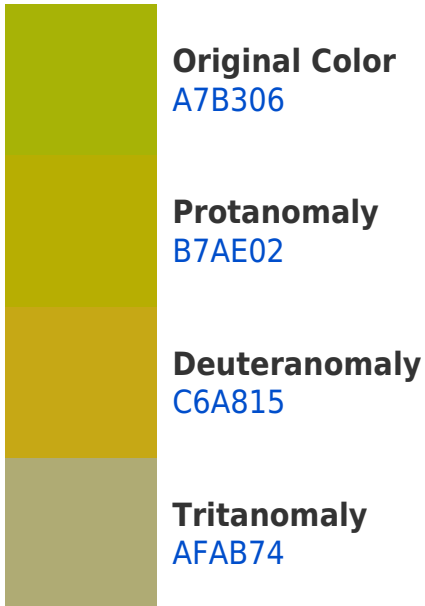
Protanopia
C0AB00

Deuteranopia
D7A21D



Tritanopia
B4A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7B306 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 #A7B306 looks like.

```
.text, #text, p{  
    color:#A7B306  
}
```

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 #A7B306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B306  
}
```

Border

The CSS property to change the border of an element to Hex A7B306 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  
#A7B306 }
```

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

```
.border{ border-color:#A7B306 }
```

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

Here you see how a box with a 4 pixel #A7B306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B306; -webkit-box-shadow:4px 4px  
4px 4px #A7B306; box-shadow:4px 4px 4px  
4px #A7B306 }
```

Background

The CSS property to change the background color of an element to Hex A7B306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B306 }
```

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

```
.background{ background-color:#A7B306 }
```

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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