

Converting Colors

Hex(ABB038)

Have a look what the booklet for
Hex(ABB038) contains.

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Color

Hex(ABB038)

Conversions

Conversions Part 1

Format	Color
Hex	ABB038
RGB	171, 176, 56
RGB Percent	67%, 69%, 22%
CMY	0.3294, 0.3098, 0.7804
CMYK	0.03, 0.00, 0.68, 0.31
HSL	63°, 52%, 45%
HSV	63°, 68%, 69%
XYZ	33.0337, 39.9941, 9.7200
YIQ	160.8250, 35.5400, -38.3800

Conversions

Conversions Part 2

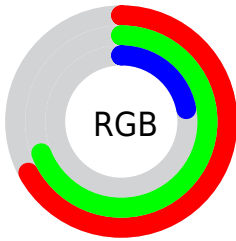
Format	Color
RYB	56, 176, 61
Decimal	11251768
CIELab	69.47, -16.84, 57.97
CIELCh	69, 60.367, 106.202
Yxy	39.9941, 0.3992, 0.4833
Android (android.graphics.Color)	4289441848 (0xFFABB038)
YUV	160.8250, -51.6787, 8.9235
Hunter-Lab	63.2409, -17.4325, 35.1559

Details

The Hex color **ABB038** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3D38B0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E5E76E**, and **737C00** is the 20% darker color. If you saturate the color by 10%, you get **AAB026**, and if you desaturate by 10%, it is **ACB04A**.

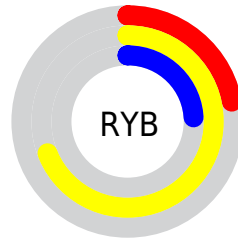
Distribution



Red (67%)

Green (69%)

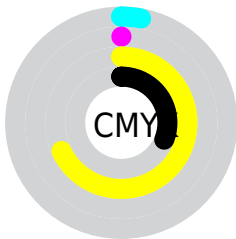
Blue (22%)



Red (22%)

Yellow (69%)

Blue (24%)

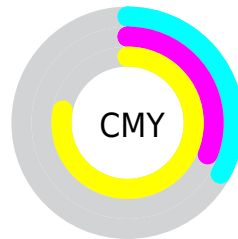


Cyan (3%)

Magenta (0%)

Yellow (68%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABB038 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 ABB038 by changing the saturation by 10% instead.

 ABB038

 ABB038

FFFFFF

 8F951A

 E5E76E

 737C00

 FFFF89

 596300

 FFFFA5

 3F4B00

 FFFFC1

 253500

 FFFFDD

 092000

 FFFFFB

 000000

 ABB038

 ABB038

 AAB026

 ACB04A

 AAB015

 ACB05B

 A9B003

 ADB06D

 A9B000

 AEB07E

 AFB090

 AFB0A2

 B0B0B3

 B1B0C5

 B2B0D6

Harmonies

Analogous

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



DD9E3A



ABB038



6CBC5A

Triad

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



ABB038



00C1F8



FF7CC5

Complementary

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



ABB038



3D38B0

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.



D38FF6



ABB038



00B7FF

Square

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



ABB038



00C4C7



7DA5FF



FF798E

Rectangle

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



ABB038



22C17B



7DA5FF



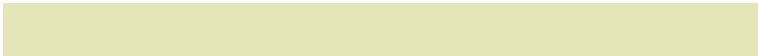
F581D7

Sweetspot

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



ABB038



E4E6B8



B03C38



727357



F2F2F2



737373

Same Dimension

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



ABB038



DEE629



70B038



595950



939900



181A00

Inverse Universe

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



3D38B0



3129E6



7838B0



515059



060099



01001A

Previews

White Background



This preview shows how the Hex color ABB038 looks on a white background.

Color Contrast Check

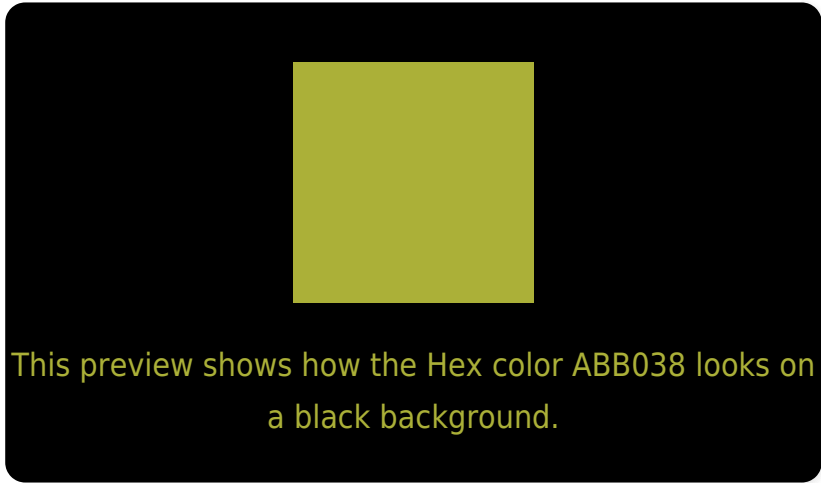
Large Text (above 18pt) WCAG AA × Fail

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 ABB038 Background



This preview shows how black text looks on a background with the Hex color ABB038.



This preview shows how white text looks on a background with the Hex color ABB038.

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
ABB038

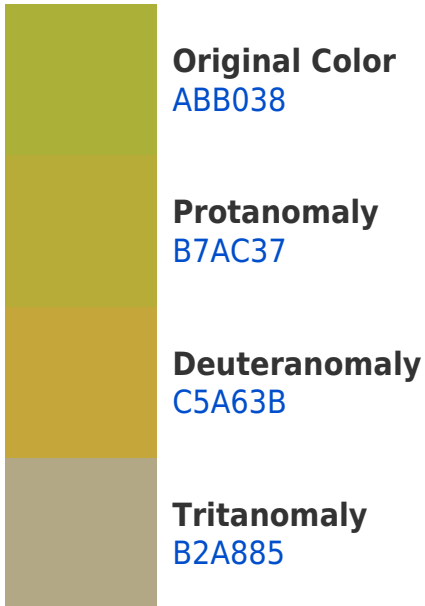
Protanopia
BEAA36

Deuteranopia
D4A13D

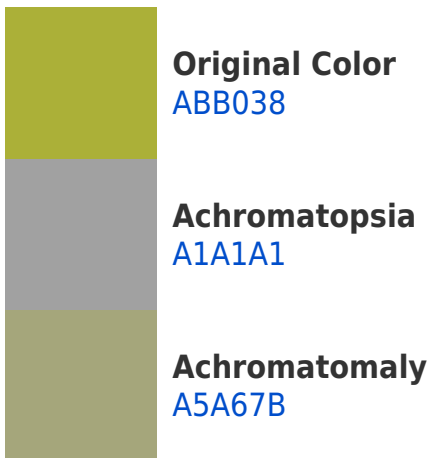


Tritanopia
B6A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABB038 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 #ABB038 looks like.

```
.text, #text, p{  
    color:#ABB038  
}
```

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 #ABB038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABB038
}
```

Border

The CSS property to change the border of an element to Hex ABB038 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
#ABB038 }
```

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

```
.border{ border-color:#ABB038 }
```

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

Here you see how a box with a 4 pixel #ABB038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABB038; -webkit-box-shadow:4px 4px  
4px 4px #ABB038; box-shadow:4px 4px 4px  
4px #ABB038 }
```

Background

The CSS property to change the background color of an element to Hex ABB038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABB038 }
```

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

```
.background{ background-color:#ABB038 }
```

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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