

Converting Colors

Hex(ABABCA)

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

Hex(ABABCA)	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(ABABCA)

Conversions

Conversions Part 1

Format	Color
Hex	ABABCA
RGB	171, 171, 202
RGB Percent	67%, 67%, 79%
CMY	0.3294, 0.3294, 0.2078
CMYK	0.15, 0.15, 0.00, 0.21
HSL	240°, 23%, 73%
HSV	240°, 15%, 79%
XYZ	42.0182, 42.0480, 61.7786
YIQ	174.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

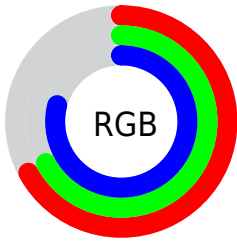
Format	Color
RYB	171, 171, 202
Decimal	11250634
CIELab	70.90, 6.31, -15.74
CIELCh	71, 16.955, 291.837
Yxy	42.0480, 0.2881, 0.2883
Android (android.graphics.Color)	4289440714 (0xFFABABCA)
YUV	174.5340, 13.5407, -3.0993
Hunter-Lab	64.8444, 2.1874, -11.0957

Details

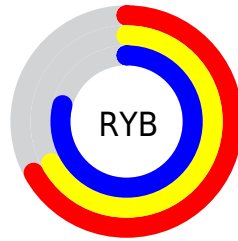
The Hex color **ABABCA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CACAAB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E3E2FF**, and **767794** is the 20% darker color. If you saturate the color by 10%, you get **9797CA**, and if you desaturate by 10%, it is **BFBFCA**.

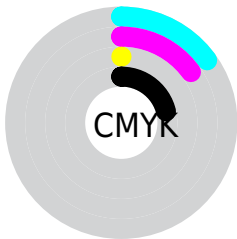
Distribution



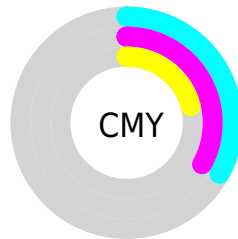
- Red (67%)
- Green (67%)
- Blue (79%)



- Red (67%)
- Yellow (67%)
- Blue (79%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 ABABCA

 ABABCA

FFFFFF

 9091AF

 E3E2FF

 767794

 5E5E7A

 464761

 2F3049

 191C33

 01001E

 000000

 ABABCA

 ABABCA

9797CA

BFBFCA

8383CA

D3D3CA

6E6ECA

E8E8CA

5A5ACA

FCFCCA

4646CA

FFFFCA

3232CA

1E1ECA

0909CA

0000CA

Harmonies

Analogous

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



97B0CC



ABABCA



BEA6C1

Triad

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



ABABCA



CAA696



8DB6A9

Complementary

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



ABABCA



CACAAB

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.



9CB49A



ABABCA



BEAB8F

Square

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



ABABCA



CEA3A3



AEB091



85B6B8

Rectangle

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



ABABCA



C7A4B8



AEB091



91B6A3

Sweetspot

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



ABABCA



F2F2FF



ABCACA



787880



000000



808080

Same Dimension

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



ABABCA



D1D1FF



BBABCA



5C5C66



0000A6



000026

Inverse Universe

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



CAABCA



FFD1FF



BBCAAB



665C66



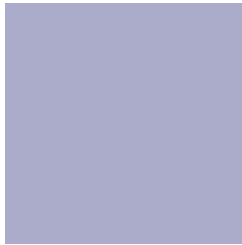
A600A6



260026

Previews

White Background



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

Color Contrast Check

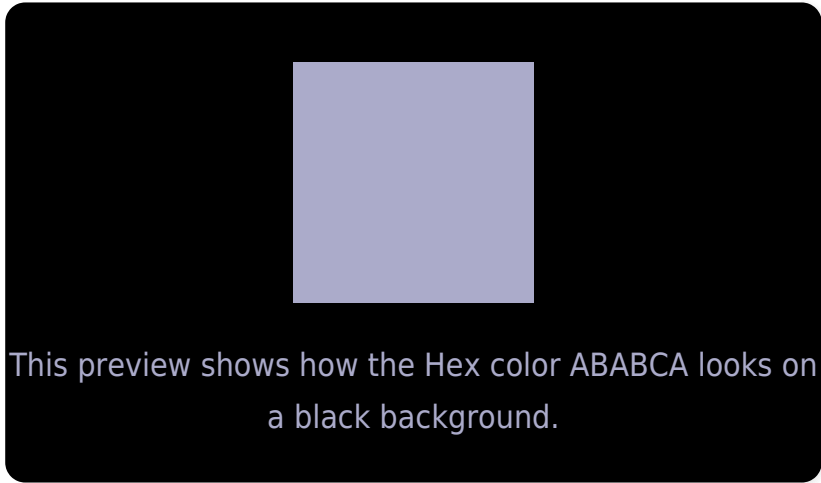
Large Text (above 18pt) WCAG AA × Fail

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

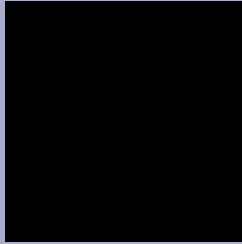
Any Text WCAG AA ✓ Pass

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 ABABCA Background



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



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

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
ABABCA

Protanopia
A8ACCB

Deuteranopia
B0A9CA



Tritanopia
A8AEBB

Trichromacy



Original Color
ABABCA

Protanomaly
A9ACCB

Deuteranomaly
AEAACA

Tritanomaly
A9ADC0

Monochromacy



Original Color
ABABCA

Achromatopsia
AFAFAF

Achromatomaly
AEAEB9

CSS Examples

Text

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

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

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 #ABABCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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