

# Converting Colors

Hex(ABACD4)

Have a look what the booklet for  
Hex(ABACD4) contains.

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# **Color**

**Hex(ABACD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABACD4
RGB	171, 172, 212
RGB Percent	67%, 67%, 83%
CMY	0.3294, 0.3255, 0.1686
CMYK	0.19, 0.19, 0.00, 0.17
HSL	239°, 32%, 75%
HSV	239°, 19%, 83%
XYZ	43.4308, 42.9164, 68.2820
YIQ	176.2610, -13.4360, 12.2280

# Conversions

## Conversions Part 2

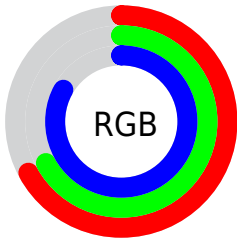
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 172, 212
Decimal	11250900
CIELab	71.50, 7.97, -20.33
CIELCh	71, 21.836, 291.398
Yxy	42.9164, 0.2809, 0.2775
Android (android.graphics.Color)	4289440980 (0xFFABACD4)
YUV	176.2610, 17.6193, -4.6139
Hunter-Lab	65.5106, 3.6943, -15.9408

# Details

The Hex color **ABACD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4D3AB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E3E3FF**, and **76789D** is the 20% darker color. If you saturate the color by 10%, you get **9697D4**, and if you desaturate by 10%, it is **C0C1D4**.

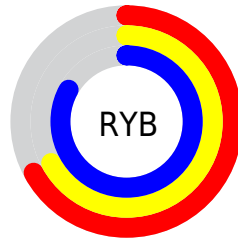
# Distribution



Red (67%)

Green (67%)

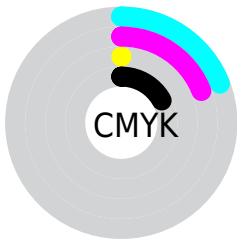
Blue (83%)



Red (67%)

Yellow (67%)

Blue (83%)

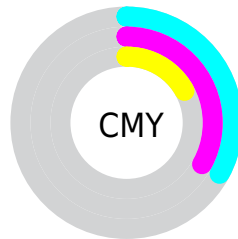


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (33%)

Magenta (33%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABACD4 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 ABACD4 by changing the saturation by 10% instead.



■ ABACD4

FFFFFF

■ E3E3FF

■ ABACD4

■ 9091B8

■ 76789D

■ 5D5F83

■ 45486A

■ 2D3152

■ 171C3A

■ 000125

■ 00010D

■ 000000

 ABACD4

 ABACD4

 9697D4

 C0C1D4

 8183D4

 D5D5D4

 6B6ED4

 EBEAD4

 5659D4

 FFFFD4

 4145D4

 2C30D4

 171BD4

 0107D4

 0005D4

# Harmonies

## Analogous

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



90B3D6



ABACD4



C3A6C8

# Triad

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



ABACD4



D3A691



84BAA8

# Complementary

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



ABACD4



D4D3AB

# 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.



98B796



ABACD4



C4AC88

# Square

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



ABACD4



D8A2A1



AFB28A



78BABD

# Rectangle

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



ABACD4



CFA2BC



AFB28A



8ABAA2



# Sweetspot

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



ABACD4



F0F0FF



ABD4D3



777780



000000



808080



# Same Dimension

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



ABACD4



C4C6FF



BEABD4



60616B



0004AB



00012B



# Inverse Universe

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



D4ABAC



FFC4C6



C1D4AB



6B6061



AB0004

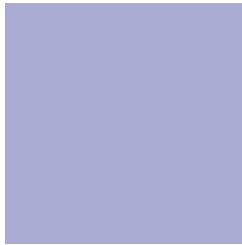


2B0001



# Previews

## White Background



This preview shows how the Hex color ABACD4 looks on a white background.

## Color Contrast Check

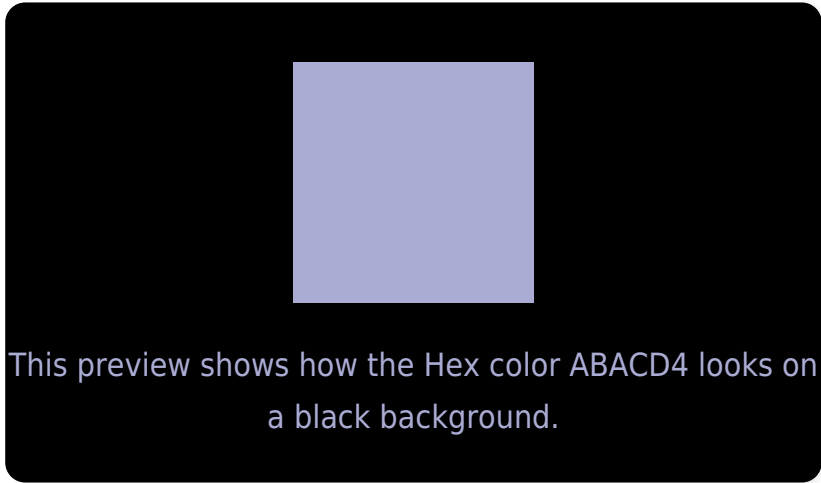
Large Text (above 18pt) WCAG AA × Fail

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

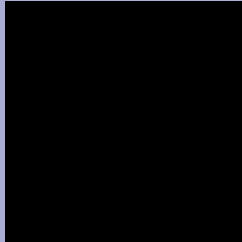
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABACD4 Background



This preview shows how black text looks on a background with the Hex color ABACD4.



This preview shows how white text looks on a background with the Hex color ABACD4.

# 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**  
ABACD4

**Protanopia**  
A6ADD5

**Deuteranopia**  
ADABD4



# Trichromacy



**Original Color**  
ABACD4

**Protanomaly**  
A8ADD5

**Deuteranomaly**  
ACABD4

**Tritanomaly**  
A8AFC6

# Monochromacy



**Original Color**  
ABACD4

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
AEAFC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABACD4 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 #ABACD4 looks like.

```
.text, #text, p{  
    color:#ABACD4  
}
```

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 #ABACD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABACD4
}
```

## Border

The CSS property to change the border of an element to Hex ABACD4 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
#ABACD4 }
```

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

```
.border{ border-color:#ABACD4 }
```

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

Here you see how a box with a 4 pixel #ABACD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABACD4; -webkit-box-shadow:4px 4px  
4px 4px #ABACD4; box-shadow:4px 4px 4px  
4px #ABACD4 }
```

# Background

The CSS property to change the background color of an element to Hex ABACD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABACD4 }
```

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

```
.background{ background-color:#ABACD4 }
```

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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