

# Converting Colors

Hex(BABEEA)

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

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# **Color**

**Hex(BABEEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BABEEA
RGB	186, 190, 234
RGB Percent	73%, 75%, 92%
CMY	0.2706, 0.2549, 0.0824
CMYK	0.21, 0.19, 0.00, 0.08
HSL	235°, 53%, 82%
HSV	235°, 21%, 92%
XYZ	53.5144, 53.2065, 85.2913
YIQ	193.8200, -16.5080, 12.8360

# Conversions

## Conversions Part 2

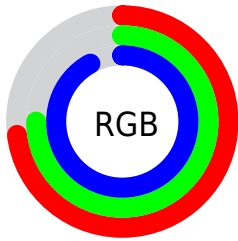
Format	Color
R <sub>Y</sub> B	186, 190, 234
Decimal	12238570
CIE Lab	78.00, 7.71, -22.30
CIE LCh	78, 23.597, 289.076
Yxy	53.2065, 0.2787, 0.2771
Android (android.graphics.Color)	4290428650 (0xFFBABEEA)
YUV	193.8200, 19.8087, -6.8581
Hunter-Lab	72.9428, 3.3065, -18.2672

# Details

The Hex color **BABEEA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAE6BA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F3F6FF**, and **8489B2** is the 20% darker color. If you saturate the color by 10%, you get **A3A9EA**, and if you desaturate by 10%, it is **D1D3EA**.

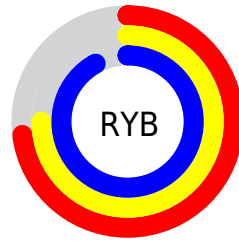
# Distribution



Red (73%)

Green (75%)

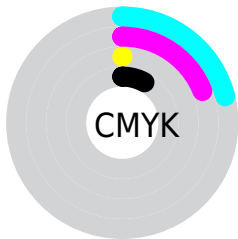
Blue (92%)



Red (73%)

Yellow (75%)

Blue (92%)

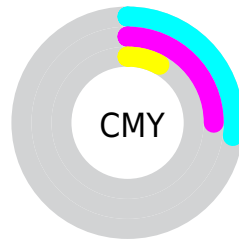


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (25%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 BABEEA

 BABEEA

FFFFFF

 9FA3CE

 F3F6FF

 8489B2

 6A6F97

 51577D

 394064

 222A4C

 091635

 000220

 000004

 BABEEA

 BABEEA

 A3A9EA

 D1D3EA

 8B93EA

 E9E9EA

 747EEA

 FFFEEA

 5C68EA

 FFFFEA

 4553EA

 2E3DEA

 1628EA

 0013EA

# Harmonies

## Analogous

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



9DC5EB



BABEEA



D5B7DE

# Triad

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



BABEEA



E9B6A1



93CDB8

# Complementary

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



BABEEA



EAE6BA

# 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.



AACAA4



BABEEA



D9BD96

# Square

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



BABEEA



EEB2B3



C3C497



85CDCE

# Rectangle

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



BABEEA



E3B3D1



C3C497



9ACCB1



# Sweetspot

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



BABEEA



F0F1FF



BAEAE6



777780



000000



808080



# Same Dimension

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



BABEEA



BFC5FF



CEBAEA



6A6B75



000FB5



000436



# Inverse Universe

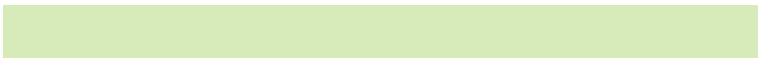
The Inverse Universe completely reimagines the original color for something new.



EABABE



FFBFC5



D6EABA



756A6B



B5000F

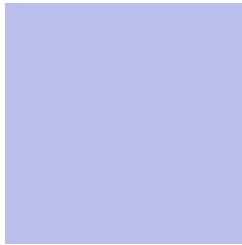


360004



# Previews

## White Background



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

## Color Contrast Check

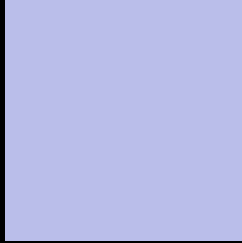
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BABEEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

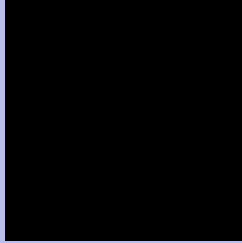
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BABEEA Background



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



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

# 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**  
BABEEA

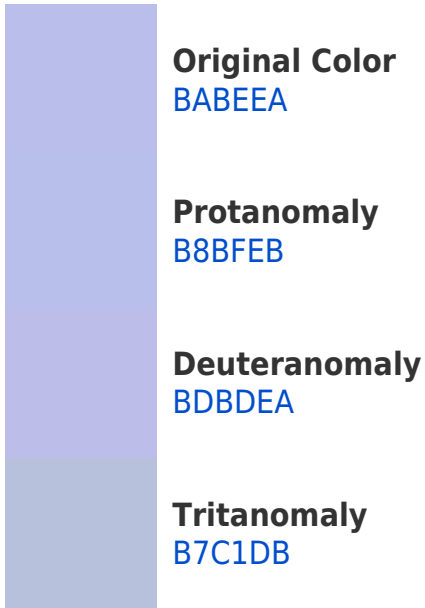
**Protanopia**  
B7BFEB

**Deuteranopia**  
BFBDEA

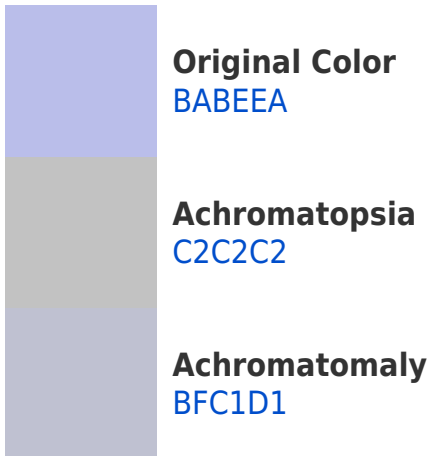


**Tritanopia**  
B5C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BABEEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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