

Converting Colors

Hex(BAAAFE)

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

| | |
|--|----|
| Hex(BAAAFE) | 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(BAAAFE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BAAAFE |
| RGB | 186, 170, 254 |
| RGB Percent | 73%, 67%, 100% |
| CMY | 0.2706, 0.3333, 0.0039 |
| CMYK | 0.27, 0.33, 0.00, 0.00 |
| HSL | 251°, 98%, 83% |
| HSV | 251°, 33%, 100% |
| XYZ | 52.5138, 46.3443, 99.9435 |
| YIQ | 184.3600, -17.4280, 29.5160 |

Conversions

Conversions Part 2

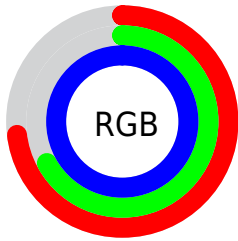
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 186, 170, 254 |
| Decimal | 12233470 |
| CIE Lab | 73.77, 23.35, -39.60 |
| CIE LCh | 74, 45.968, 300.526 |
| Yxy | 46.3443, 0.2642, 0.2331 |
| Android (android.graphics.Color) | 4290423550 (0xFFBAAAFE) |
| YUV | 184.3600, 34.3325, 1.4383 |
| Hunter-Lab | 68.0767, 18.5594, -39.3901 |

Details

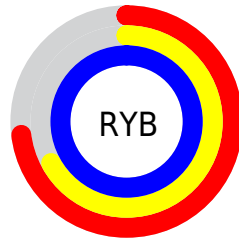
The Hex color **BAAAFE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EEFEAA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F3E1FF**, and **8376C5** is the 20% darker color. If you saturate the color by 10%, you get **A591FE**, and if you desaturate by 10%, it is **CFC3FE**.

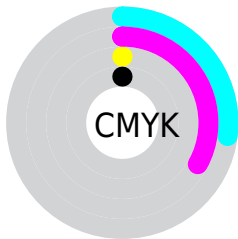
Distribution



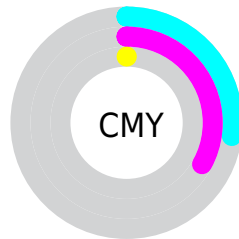
- Red (73%)
- Green (67%)
- Blue (100%)



- Red (73%)
- Yellow (67%)
- Blue (100%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 BAAAFE

 BAAAFE

FFFFFF

 9E8FE1

 F3E1FF


 8376C5

FFFEFF

 685DA9

 4E458F

 342F75

 181A5C

 000244

 00032D

 000117

 BAAAFE

 BAAAFE

 A591FE

 CFC3FE

 9177FE

 E3DDFE

 7C5EFE

 F8F6FE

 6844FE

FFFFFFE

 532BFE

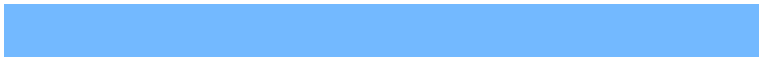
 3F12FE

 3000FE

Harmonies

Analogous

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



73B9FF



BAAAFE



EA9BDF

Triad

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



BAAAFE



F1A46D



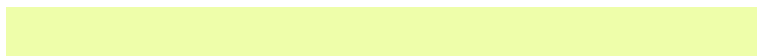
1BCBB5

Complementary

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



BAAAFE



EEFEAA

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.



6FC88A



BAAAFE



CFB35F

Square

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



BAAAFE



FF978D



A3BF6B



00CADF

Rectangle

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



BAAAFE



FE95C4



A3BF6B



41CAA6

Sweetspot

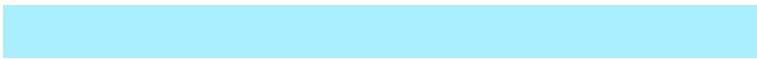
The Sweet Spot groups the original color and five complimentary colors.



BAAAFE



EAE6FF



AAEFFF



737080



000000



808080

Same Dimension

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



BAAAFE



AC99FF



E3AAFE



757380



2400BF



0C0040

Inverse Universe

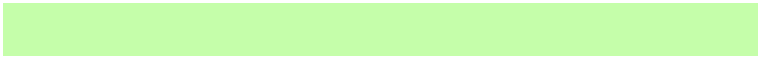
The Inverse Universe completely reimagines the original color for something new.



FEAAEE



FF99EC



C5FEAA



80737D



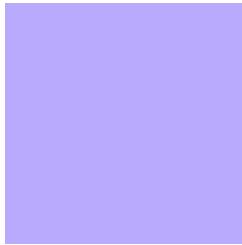
BF009B



400034

Previews

White Background



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

Color Contrast Check

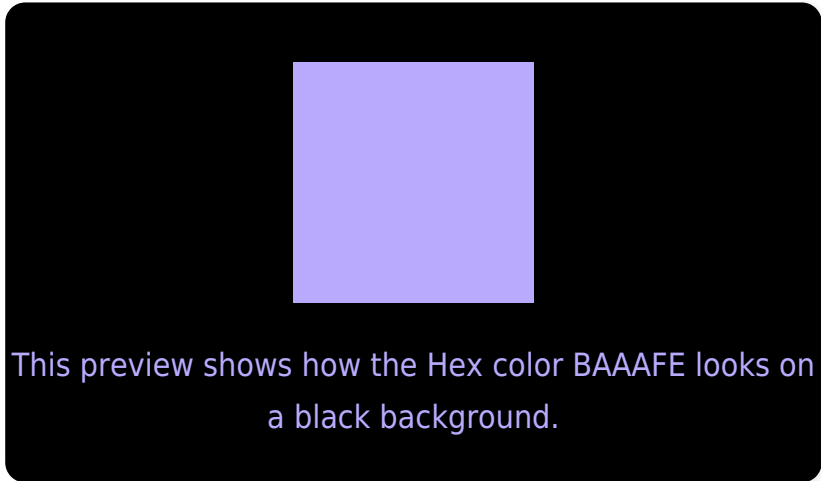
Large Text (above 18pt) WCAG AA × Fail

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

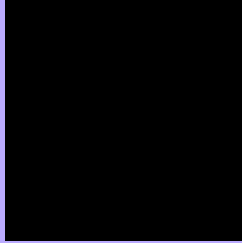
Any Text WCAG AA ✓ Pass

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 BAAAFE Background



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

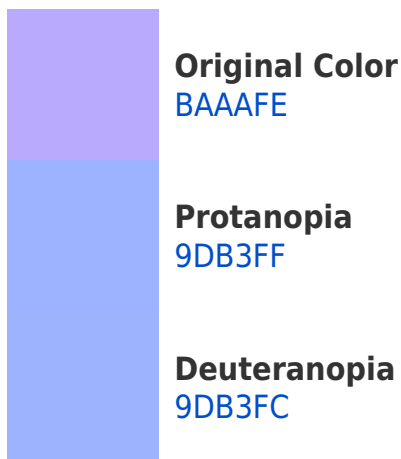


This preview shows how white text looks on a background with the Hex color BAAAFE.

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



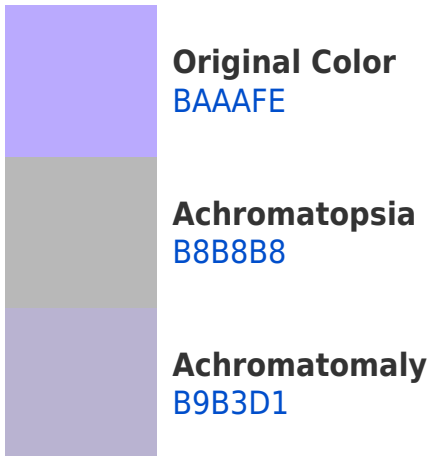


Tritanopia
AFB6C4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #BAAAFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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