

Converting Colors

Hex(CAAAFE)

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

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Color

Hex(CAAAFE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CAAAFE |
| RGB | 202, 170, 254 |
| RGB Percent | 79%, 67%, 100% |
| CMY | 0.2078, 0.3333, 0.0039 |
| CMYK | 0.20, 0.33, 0.00, 0.00 |
| HSL | 263°, 98%, 83% |
| HSV | 263°, 33%, 100% |
| XYZ | 56.6212, 48.4618, 100.1357 |
| YIQ | 189.1440, -7.8920, 32.9080 |

Conversions

Conversions Part 2

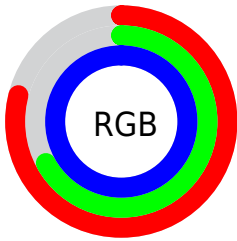
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 170, 254 |
| Decimal | 13282046 |
| CIE Lab | 75.12, 27.97, -37.40 |
| CIE LCh | 75, 46.703, 306.795 |
| Yxy | 48.4618, 0.2759, 0.2361 |
| Android (android.graphics.Color) | 4291472126 (0xFFCAAAFE) |
| YUV | 189.1440, 31.9740, 11.2747 |
| Hunter-Lab | 69.6145, 23.3584, -36.5545 |

Details

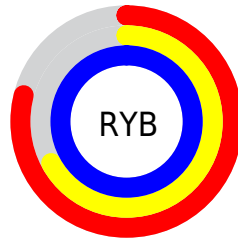
The Hex color **CAAAFE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DEFEEA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE2FF**, and **9376C5** is the 20% darker color. If you saturate the color by 10%, you get **BA91FE**, and if you desaturate by 10%, it is **DAC3FE**.

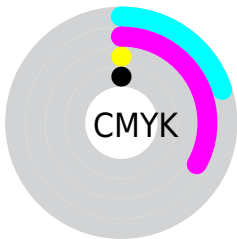
Distribution



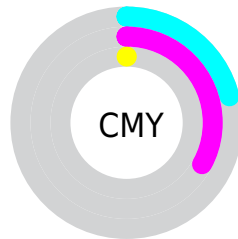
- Red (79%)
- Green (67%)
- Blue (100%)



- Red (79%)
- Yellow (67%)
- Blue (100%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 CAAAFE

 CAAAFE

FFFFFF

 AE8FE1

 FFE2FF

 9376C5

FFFEFF

 785DA9

 5E458F

 442E75

 2B185C

 110244

 00002D

 000117

■ CAAAFE

■ CAAAFE

■ BA91FE

■ DAC3FE

■ AB77FE

■ E9DDFE

■ 9B5EFE

■ F9F6FE

■ 8B44FE

FFFFFE

■ 7B2BFE

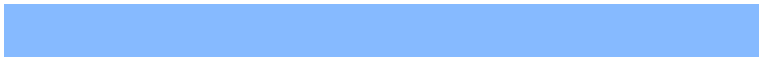
■ 6C12FE

■ 6100FE

Harmonies

Analogous

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



86BAFF



CAAAFE



F69CDC

Triad

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



CAAAFE



EFAB6A



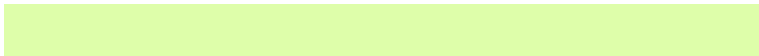
00CFC2

Complementary

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



CAAAFE



DEFEAA

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.



65CD96



CAAAFE



CABA62

Square

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



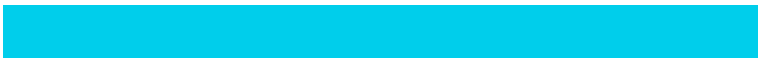
CAAAFE



FF9D88



9CC572



00CEEB

Rectangle

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



CAAAFE



FF96BF



9CC572



2DCFB3

Sweetspot

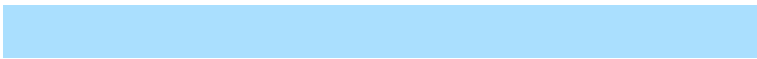
The Sweet Spot groups the original color and five complimentary colors.



CAAAFE



EFE6FF



AADFFE



767080



000000



808080

Same Dimension

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



CAAAFE



C099FF



F3AAFE



787380



4900BF



180040

Inverse Universe

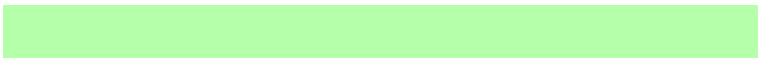
The Inverse Universe completely reimagines the original color for something new.



FEAADE



FF99D8



B5FEAA



80737B



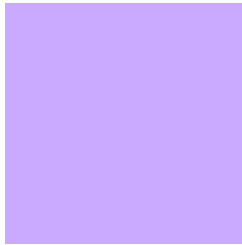
BF0076



400027

Previews

White Background



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

Color Contrast Check

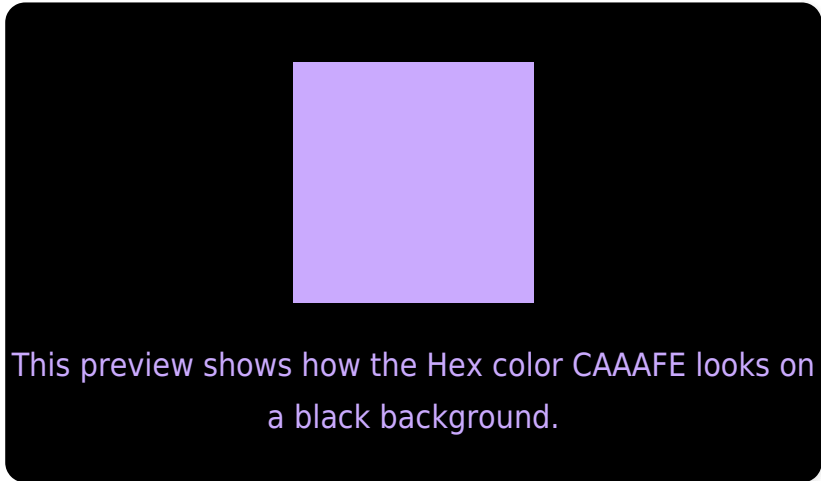
Large Text (above 18pt) WCAG AA × Fail

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

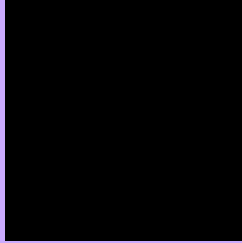
Any Text WCAG AA ✓ Pass

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 CAAAFE Background



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

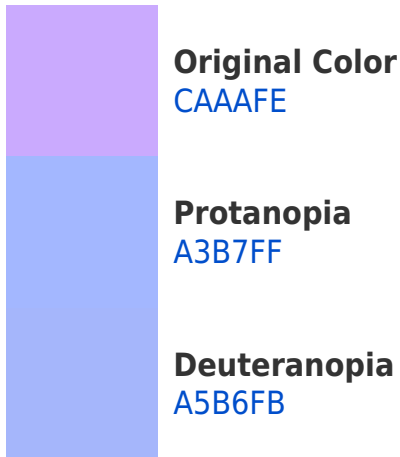


This preview shows how white text looks on a background with the Hex color CAAAFE.

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
C0B6C4

Trichromacy



Original Color
CAAAFE

Protanomaly
B1B2FF

Deuteranomaly
B2B2FC

Tritanomaly
C4B2D9

Monochromacy



Original Color
CAAAFE

Achromatopsia
BDBBBD

Achromatomaly
C2B6D5

CSS Examples

Text

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

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

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 #CAAAFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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