

Converting Colors

Hex(C1AEF5)

Have a look what the booklet for
Hex(C1AEF5) contains.

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Color

Hex(C1AEF5)

Conversions

Conversions Part 1

Format	Color
Hex	C1AEF5
RGB	193, 174, 245
RGB Percent	76%, 68%, 96%
CMY	0.2431, 0.3176, 0.0392
CMYK	0.21, 0.29, 0.00, 0.04
HSL	256°, 78%, 82%
HSV	256°, 29%, 96%
XYZ	53.6098, 48.2021, 92.8646
YIQ	187.7750, -11.4670, 26.1090

Conversions

Conversions Part 2

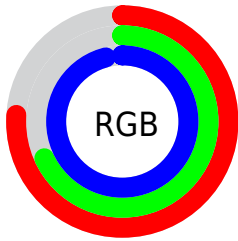
Format	Color
RYB	193, 174, 245
Decimal	12693237
CIELab	74.95, 21.08, -32.85
CIELCh	75, 39.035, 302.686
Yxy	48.2021, 0.2754, 0.2476
Android (android.graphics.Color)	4290883317 (0xFFC1AEF5)
YUV	187.7750, 28.2119, 4.5823
Hunter-Lab	69.4278, 16.3332, -30.7052

Details

The Hex color **C1AEF5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2F5AE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FAE6FF**, and **8A7ABC** is the 20% darker color. If you saturate the color by 10%, you get **AF96F5**, and if you desaturate by 10%, it is **D3C7F5**.

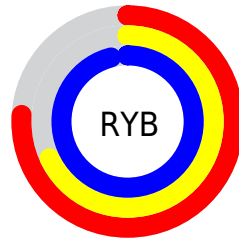
Distribution



Red (76%)

Green (68%)

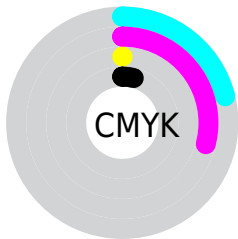
Blue (96%)



Red (76%)

Yellow (68%)

Blue (96%)

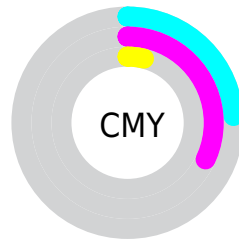


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1AEF5 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 C1AEF5 by changing the saturation by 10% instead.

 C1AEF5

FFFFFF

 FAE6FF

 C1AEF5

 A593D8

 8A7ABC

 7061A1

 564987

 3D326D

 251D55

 0B063D

 000327

 000110

 C1AEF5

 C1AEF5

 AF96F5

 D3C7F5

 9D7DF5

 E5DFF5

 8B65F5

 F7F8F5

 794CF5

 FFFFF5

 6733F5

 551BF5

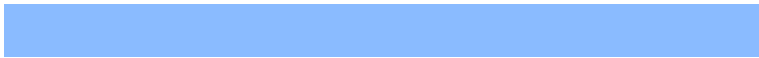
 4302F5

 4200F5

Harmonies

Analogous

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



8ABBFF



C1AEF5



E9A2DA

Triad

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



C1AEF5



EBAB7A



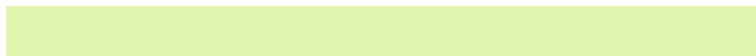
4CCCBB

Complementary

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



C1AEF5



E2F5AE

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.



7CC996



C1AEF5



CDB770

Square

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



C1AEF5



FDA093



A7C27B



25CBDE

Rectangle

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



C1AEF5



F89DC3



A7C27B



5DCBAE

Sweetspot

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



C1AEF5



EEE8FF



AEE2F5



757180



000000



808080

Same Dimension

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



C1AEF5



BEA6FF



E4AEF5



716E7A



3200BA



10003B

Inverse Universe

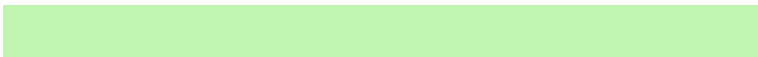
The Inverse Universe completely reimagines the original color for something new.



F5AEE2



FFA6E7



BFF5AE



7A6E77



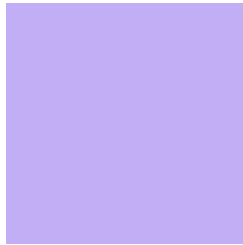
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color C1AEF5 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

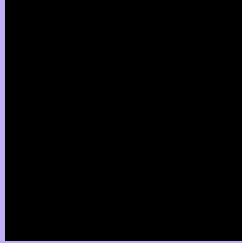
Any Text WCAG AA ✓ Pass

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 C1AEF5 Background



This preview shows how black text looks on a background with the Hex color C1AEF5.



This preview shows how white text looks on a background with the Hex color C1AEF5.

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
C1AEF5

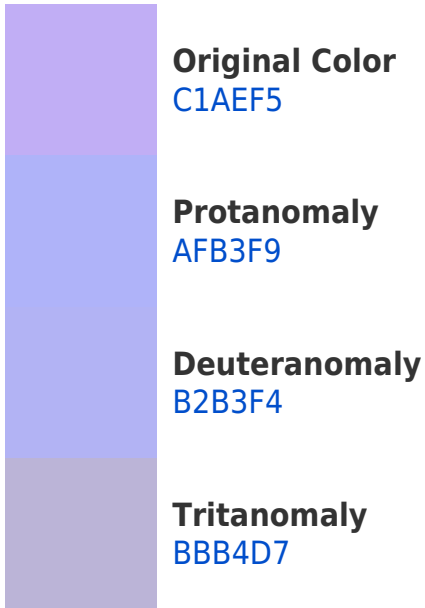
Protanopia
A4B6FB

Deuteranopia
AAB6F3

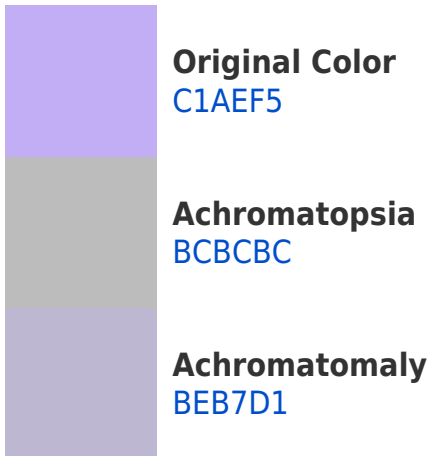


Tritanopia
B8B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1AEF5 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 #C1AEF5 looks like.

```
.text, #text, p{  
    color:#C1AEF5  
}
```

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 #C1AEF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1AEF5
}
```

Border

The CSS property to change the border of an element to Hex C1AEF5 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
#C1AEF5 }
```

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

```
.border{ border-color:#C1AEF5 }
```

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

Here you see how a box with a 4 pixel #C1AEF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1AEF5; -webkit-box-shadow:4px 4px  
4px 4px #C1AEF5; box-shadow:4px 4px 4px  
4px #C1AEF5 }
```

Background

The CSS property to change the background color of an element to Hex C1AEF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1AEF5 }
```

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

```
.background{ background-color:#C1AEF5 }
```

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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