

Converting Colors

Hex(C1DAF3)

Have a look what the booklet for
Hex(C1DAF3) contains.

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Color

Hex(C1DAF3)

Conversions

Conversions Part 1

Format	Color
Hex	C1DAF3
RGB	193, 218, 243
RGB Percent	76%, 85%, 95%
CMY	0.2431, 0.1451, 0.0471
CMYK	0.21, 0.10, 0.00, 0.05
HSL	210°, 68%, 85%
HSV	210°, 21%, 95%
XYZ	63.2414, 67.9513, 94.5768
YIQ	213.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

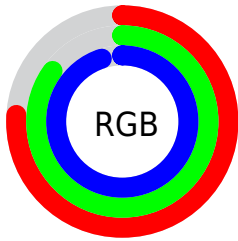
Format	Color
R_{YB}	193, 210, 243
Decimal	12704499
CIE _{Lab}	85.98, -3.07, -15.00
CIE _{LCh}	86, 15.306, 258.425
Yxy	67.9513, 0.2801, 0.3010
Android (android.graphics.Color)	4290894579 (0xFFC1DAF3)
YUV	213.3750, 14.6051, -17.8689
Hunter-Lab	82.4326, -7.3138, -10.3219

Details

The Hex color **C1DAF3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F3DAC1**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FAFFFF**, and **8BA3BB** is the 20% darker color. If you saturate the color by 10%, you get **A9CEF3**, and if you desaturate by 10%, it is **D9E6F3**.

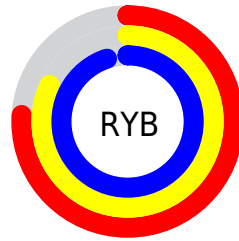
Distribution



Red (76%)

Green (85%)

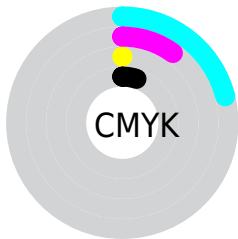
Blue (95%)



Red (76%)

Yellow (82%)

Blue (95%)

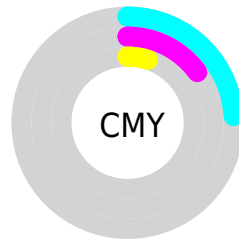


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1DAF3 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 C1DAF3 by changing the saturation by 10% instead.

 C1DAF3

FFFFFF

 FAFFFF

 C1DAF3

 A6BED7

 8BA3BB

 7189A0

 587086

 3F576C

 274054

 0F2A3D

 001627

 000112

 C1DAF3

 C1DAF3

 A9CEF3

 D9E6F3

 90C2F3

 F2F2F3

 78B6F3

 FFFEF3

 60A9F3

 FFFFF3

 489DF3

 2F91F3

 1785F3

 0079F3

Harmonies

Analogous

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



B5DEEC



C1DAF3



D3D5F2

Triad

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



C1DAF3



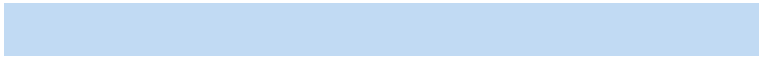
F6CDCE



C8DDC3

Complementary

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



C1DAF3



F3DAC1

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.



D9D9BC



C1DAF3



F3D0C2

Square

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



C1DAF3



F1CEDD



E8D4BB



BADFD1

Rectangle

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



C1DAF3



DFD2EE



E8D4BB



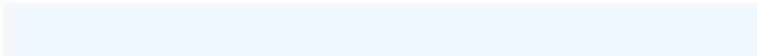
CEDCC0

Sweetspot

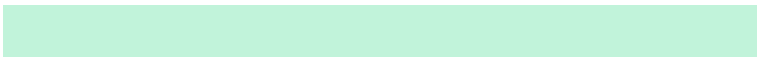
The Sweet Spot groups the original color and five complimentary colors.



C1DAF3



F0F7FF



C1F3DA



777B80



000000



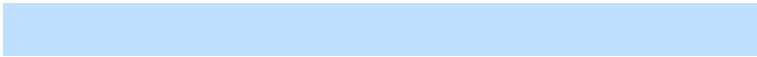
808080

Same Dimension

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



C1DAF3



BFDFFF



C1C1F3



6E747A



005DBA



001D3B

Inverse Universe

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



F3C1DA



FFBDFD



F3F3C1



7A6E74



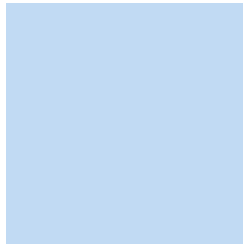
BA005D



3B001D

Previews

White Background



This preview shows how the Hex color C1DAF3 looks on a white background.

Color Contrast Check

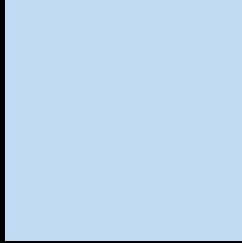
Large Text (above 18pt) WCAG AA × Fail

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 C1DAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

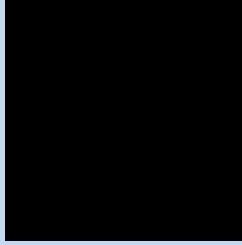
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

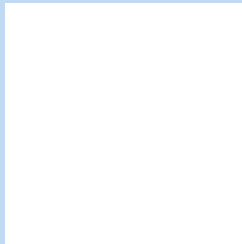
Any Text WCAG AAA ✓ Pass

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

Hex C1DAF3 Background



This preview shows how black text looks on a background with the Hex color C1DAF3.

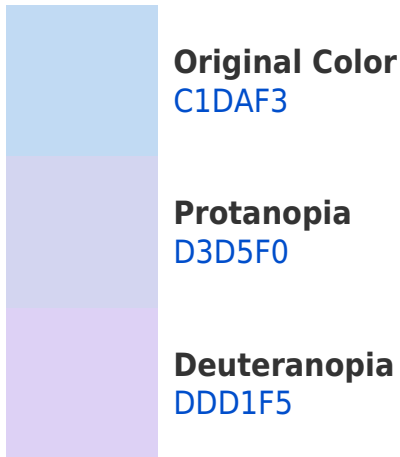


This preview shows how white text looks on a background with the Hex color C1DAF3.

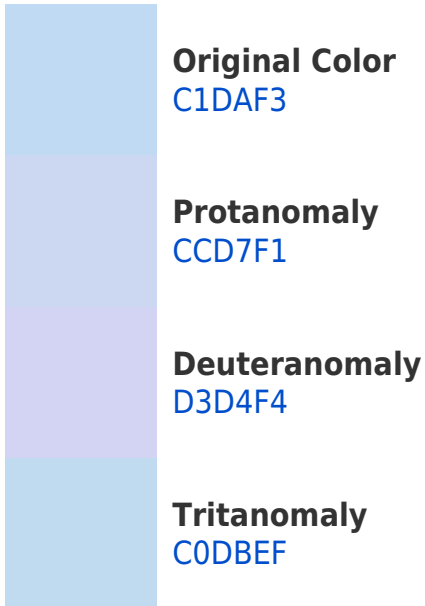
Color Blindness Simulation

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](#).

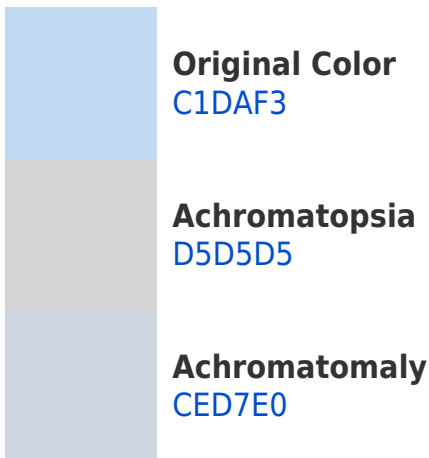
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1DAF3 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 #C1DAF3 looks like.

```
.text, #text, p{  
    color:#C1DAF3  
}
```

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 #C1DAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1DAF3
}
```

Border

The CSS property to change the border of an element to Hex C1DAF3 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
#C1DAF3 }
```

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

```
.border{ border-color:#C1DAF3 }
```

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

Here you see how a box with a 4 pixel #C1DAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1DAF3; -webkit-box-shadow:4px 4px  
4px 4px #C1DAF3; box-shadow:4px 4px 4px  
4px #C1DAF3 }
```

Background

The CSS property to change the background color of an element to Hex C1DAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1DAF3 }
```

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

```
.background{ background-color:#C1DAF3 }
```

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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