

Converting Colors

Hex(CAD6E8)

Have a look what the booklet for
Hex(CAD6E8) contains.

Hex(CAD6E8)	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(CAD6E8)

Conversions

Conversions Part 1

Format	Color
Hex	CAD6E8
RGB	202, 214, 232
RGB Percent	79%, 84%, 91%
CMY	0.2078, 0.1608, 0.0902
CMYK	0.13, 0.08, 0.00, 0.09
HSL	216°, 39%, 85%
HSV	216°, 13%, 91%
XYZ	62.9692, 66.4759, 85.8562
YIQ	212.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

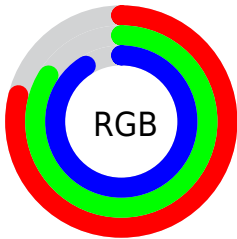
Format	Color
R _Y B	202, 211, 232
Decimal	13293288
CIE Lab	85.24, -0.49, -10.22
CIE LCh	85, 10.234, 267.235
Yxy	66.4759, 0.2925, 0.3088
Android (android.graphics.Color)	4291483368 (0xFFCAD6E8)
YUV	212.4640, 9.6312, -9.1769
Hunter-Lab	81.5327, -4.8236, -5.3611

Details

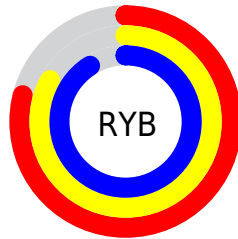
The Hex color **CAD6E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8DCCA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **949FB0** is the 20% darker color. If you saturate the color by 10%, you get **B3C8E8**, and if you desaturate by 10%, it is **E1E4E8**.

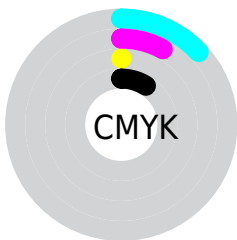
Distribution



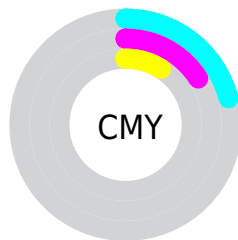
- Red (79%)
- Green (84%)
- Blue (91%)



- Red (79%)
- Yellow (83%)
- Blue (91%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAD6E8 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 CAD6E8 by changing the saturation by 10% instead.

■ CAD6E8

FFFFFF

■ CAD6E8

■ AFBACC

■ 949FB0

■ 7A8596

■ 616C7C

■ 495463

■ 323D4B

■ 1C2734

■ 05121F

■ 000005

 CAD6E8

 CAD6E8

 B3C8E8

 E1E4E8

 9CBAE8

 F8F2E8

 84ACE8

 FFFFE8

 6D9EE8

 5690E8

 3F82E8

 2875E8

 1067E8

 005DE8

Harmonies

Analogous

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



C1D9E5



CAD6E8



D6D3E6

Triad

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



CAD6E8



EACFCC



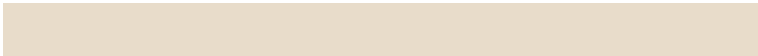
C8DACA

Complementary

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



CAD6E8



E8DCCA

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.



D3D7C4



CAD6E8



E6D1C5

Square

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



CAD6E8



E8CFD6



DED4C2



C0DBD4

Rectangle

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



CAD6E8



DED1E2



DED4C2



CCD9C8

Sweetspot

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



CAD6E8



F5F9FF



CAE8DC



797C80



000000



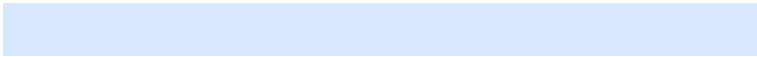
808080

Same Dimension

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



CAD6E8



D6E7FF



CDCAE8



676C73



0047B3



001433

Inverse Universe

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



E8CAD6



FFD6E7



E5E8CA



73676C



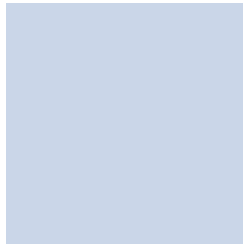
B30047



330014

Previews

White Background



This preview shows how the Hex color CAD6E8 looks on a white background.

Color Contrast Check

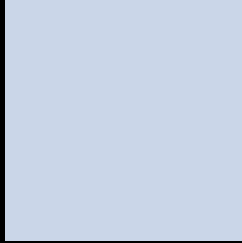
Large Text (above 18pt) WCAG AA × Fail

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 CAD6E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

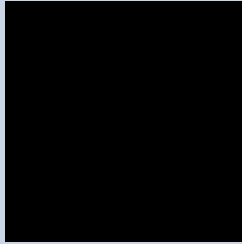
Any Text WCAG AA ✓ Pass

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 CAD6E8 Background



This preview shows how black text looks on a background with the Hex color CAD6E8.

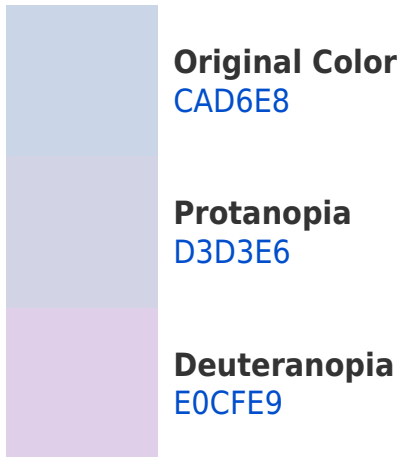


This preview shows how white text looks on a background with the Hex color CAD6E8.

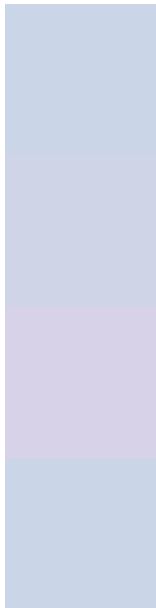
Color Blindness Simulation

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



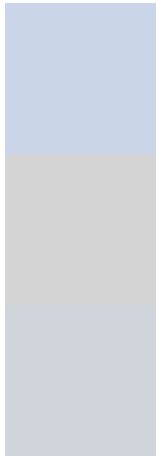
Original Color
CAD6E8

Protanomaly
D0D4E7

Deuteranomaly
D8D2E9

Tritanomaly
CAD6E7

Monochromacy



Original Color
CAD6E8

Achromatopsia
D4D4D4

Achromatomaly
D0D5DB

CSS Examples

Text

The CSS property to change the color of the text to Hex CAD6E8 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 #CAD6E8 looks like.

```
.text, #text, p{  
    color:#CAD6E8  
}
```

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 #CAD6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD6E8
}
```

Border

The CSS property to change the border of an element to Hex CAD6E8 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
#CAD6E8 }
```

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

```
.border{ border-color:#CAD6E8 }
```

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

Here you see how a box with a 4 pixel #CAD6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD6E8; -webkit-box-shadow:4px 4px  
4px 4px #CAD6E8; box-shadow:4px 4px 4px  
4px #CAD6E8 }
```

Background

The CSS property to change the background color of an element to Hex CAD6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD6E8 }
```

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

```
.background{ background-color:#CAD6E8 }
```

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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