

Converting Colors

Hex(CAF2E5)

Have a look what the booklet for
Hex(CAF2E5) contains.

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Color

Hex(CAF2E5)

Conversions

Conversions Part 1

Format	Color
Hex	CAF2E5
RGB	202, 242, 229
RGB Percent	79%, 95%, 90%
CMY	0.2078, 0.0510, 0.1020
CMYK	0.17, 0.00, 0.05, 0.05
HSL	161°, 61%, 87%
HSV	161°, 17%, 95%
XYZ	70.2521, 81.7180, 86.1992
YIQ	228.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

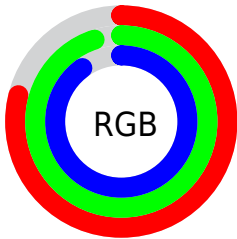
Format	Color
R _{YB}	202, 226, 242
Decimal	13300453
CIE _{Lab}	92.45, -15.38, 1.97
CIE _{LCh}	92, 15.508, 172.715
Yxy	81.7180, 0.2950, 0.3431
Android (android.graphics.Color)	4291490533 (0xFFCAF2E5)
YUV	228.5580, 0.2179, -23.2914
Hunter-Lab	90.3980, -19.4766, 6.7425

Details

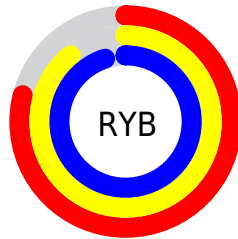
The Hex color **CAF2E5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F2CAD7**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **93BAAE** is the 20% darker color. If you saturate the color by 10%, you get **B2F2DD**, and if you desaturate by 10%, it is **E2F2ED**.

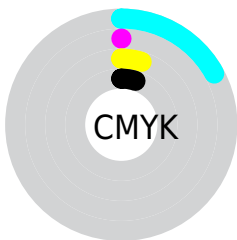
Distribution



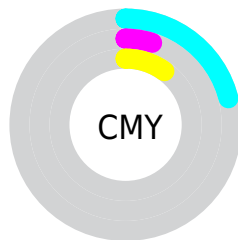
- Red (79%)
- Green (95%)
- Blue (90%)



- Red (79%)
- Yellow (89%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF2E5 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 CAF2E5 by changing the saturation by 10% instead.

CAF2E5

FFFFFF

CAF2E5

AED6C9

93BAAE

799F93

608579

486B61

305349

193C32

02261D

001004

 CAF2E5

 CAF2E5

 B2F2DD

 E2F2ED

 9AF2D5

 FAF2F5

 81F2CD

 FFF2FD

 69F2C6

 FFF2FF

 51F2BE

 39F2B6

 21F2AE

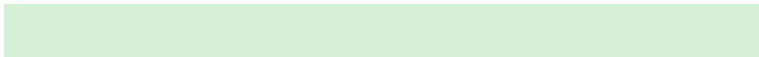
 08F2A6

 00F2A3

Harmonies

Analogous

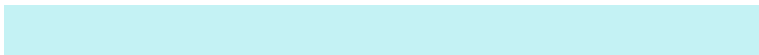
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D8F0D7



CAF2E5



C4F2F4

Triad

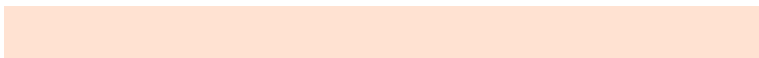
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAF2E5



E8E7FF



FFE2D2

Complementary

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



CAF2E5



F2CAD7

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.



FFE0DE



CAF2E5



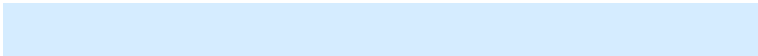
F9E2FC

Square

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



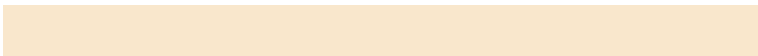
CAF2E5



D5ECFF



FFE0EE



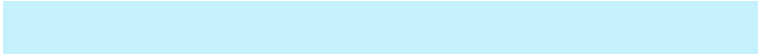
F9E7CC

Rectangle

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



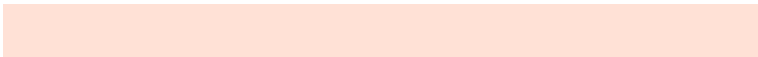
CAF2E5



C5F1FD



FFE0EE



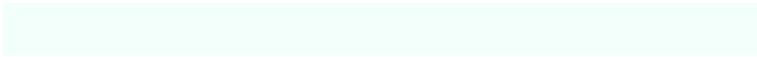
FFE1D6

Sweetspot

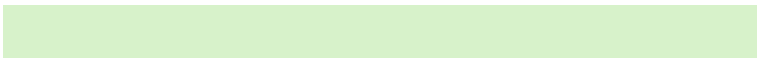
The Sweet Spot groups the original color and five complimentary colors.



CAF2E5



F2FFFB



D7F2CA



78807D



000000



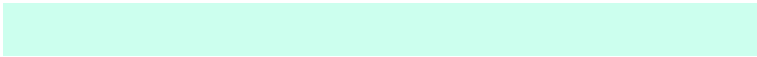
808080

Same Dimension

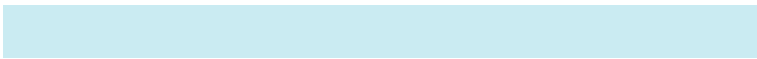
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CAF2E5



CCFFEE



CAEBF2



6C7874



00B87C



003826

Inverse Universe

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



F2CAD7



FFCCDD



F2D1CA



786C70



B8003C



380012

Previews

White Background



This preview shows how the Hex color CAF2E5 looks on a white background.

Color Contrast Check

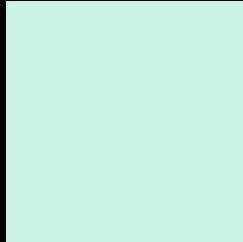
Large Text (above 18pt) WCAG AA × Fail

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 CAF2E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

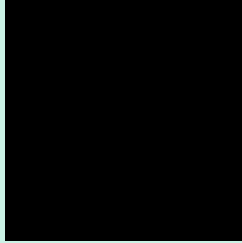
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

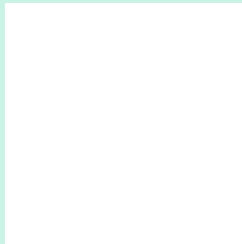
Any Text WCAG AAA ✓ Pass

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

Hex CAF2E5 Background



This preview shows how black text looks on a background with the Hex color CAF2E5.

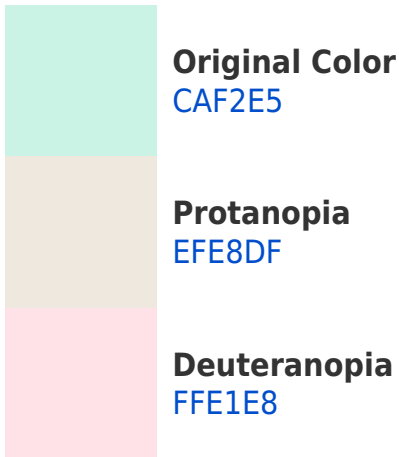


This preview shows how white text looks on a background with the Hex color CAF2E5.

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



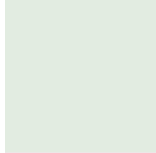


Tritanopia
D1EDFF

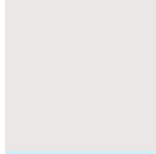
Trichromacy



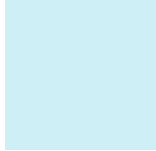
Original Color
CAF2E5



Protanomaly
E2ECE1



Deuteranomaly
ECE7E7

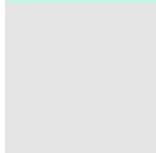


Tritanomaly
CEEFF6

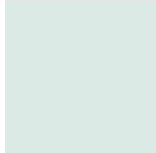
Monochromacy



Original Color
CAF2E5



Achromatopsia
E5E5E5



Achromatomaly
DBEAE5

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF2E5 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 #CAF2E5 looks like.

```
.text, #text, p{  
    color:#CAF2E5  
}
```

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 #CAF2E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF2E5
}
```

Border

The CSS property to change the border of an element to Hex CAF2E5 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
#CAF2E5 }
```

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

```
.border{ border-color:#CAF2E5 }
```

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

Here you see how a box with a 4 pixel #CAF2E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF2E5; -webkit-box-shadow:4px 4px  
4px 4px #CAF2E5; box-shadow:4px 4px 4px  
4px #CAF2E5 }
```

Background

The CSS property to change the background color of an element to Hex CAF2E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF2E5 }
```

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

```
.background{ background-color:#CAF2E5 }
```

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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