

Converting Colors

Hex(CFEB95)

Have a look what the booklet for
Hex(CFEB95) contains.

Hex(CFEB95)	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(CFEB95)

Conversions

Conversions Part 1

Format	Color
Hex	CFEB95
RGB	207, 235, 149
RGB Percent	81%, 92%, 58%
CMY	0.1882, 0.0784, 0.4157
CMYK	0.12, 0.00, 0.37, 0.08
HSL	80°, 68%, 75%
HSV	80°, 37%, 92%
XYZ	60.8653, 74.8520, 39.6737
YIQ	216.8240, 10.9180, -32.6820

Conversions

Conversions Part 2

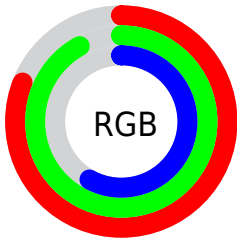
Format	Color
RYB	149, 235, 177
Decimal	13626261
CIELab	89.32, -23.01, 38.74
CIELCh	89, 45.062, 120.708
Yxy	74.8520, 0.3470, 0.4268
Android (android.graphics.Color)	4291816341 (0xFFCFEB95)
YUV	216.8240, -33.4372, -8.6156
Hunter-Lab	86.5170, -25.8290, 33.3736

Details

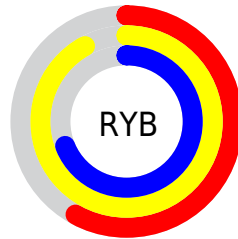
The Hex color **CFEB95** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B195EB**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFCC**, and **97B361** is the 20% darker color. If you saturate the color by 10%, you get **C7EB7E**, and if you desaturate by 10%, it is **D7EBAC**.

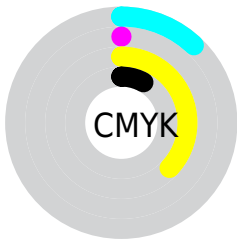
Distribution



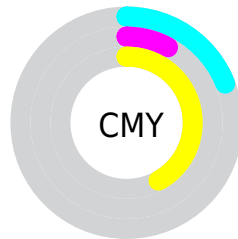
- Red (81%)
- Green (92%)
- Blue (58%)



- Red (58%)
- Yellow (92%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFEB95 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 CFEB95 by changing the saturation by 10% instead.

 CFEB95

FFFFFF

 FFFFCC

 FFFF88

 CFEB95


 B3CF7B

 97B361

 7D9848

 637E2F

 496516

 314D00

 193600

 002100

 000000

 CFEB95

 CFEB95

 C7EB7E

 D7EBAC

 C0EB66

 DEEBC4

 B8EB4F

 E6EBDC

 B0EB37

 EEEBF3

 A9EB20

 F5EBFF

 A1EB08

 FDEBFF

 9EEB00

 FFEBFF

Harmonies

Analogous

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



FCDE8A



CFEB95



9CF4B5

Triad

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



CFEB95



5BF0FF



FFBFE1

Complementary

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



CFEB95



B195EB

Split Complementary

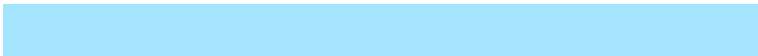
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



CFEB95



A4E4FF

Square

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



CFEB95



32F6FF



E7D5FF



FFC3B7

Rectangle

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



CFEB95



76F7D1



E7D5FF



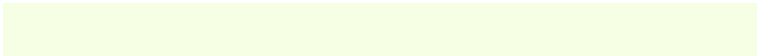
FFC0F0

Sweetspot

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



CFEB95



F6FFE3



EBB095



7A806F



000000



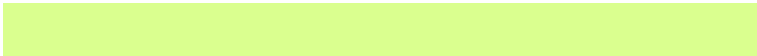
808080

Same Dimension

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



CFEB95



DAFF8F



A5EB95



71756A



7AB500



243600

Inverse Universe

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



B195EB



B38FFF



DB95EB



6D6A75



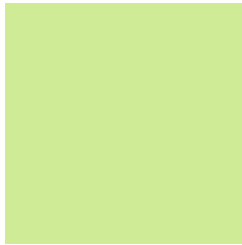
3B00B5



110036

Previews

White Background



This preview shows how the Hex color CFEB95 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 CFEB95 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

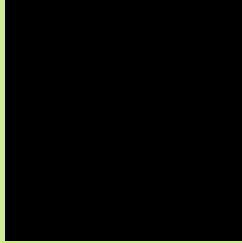
Any Text WCAG AA ✓ Pass

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 CFEB95 Background



This preview shows how black text looks on a background with the Hex color CFEB95.

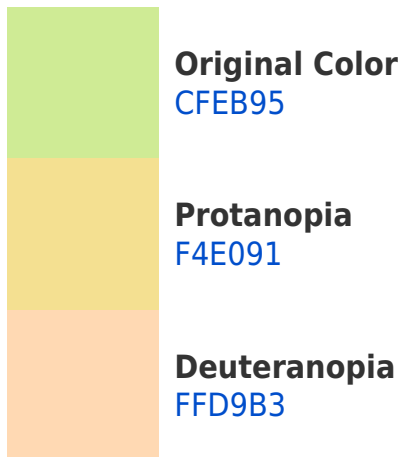


This preview shows how white text looks on a background with the Hex color CFEB95.

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



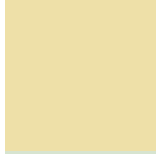
Trichromacy



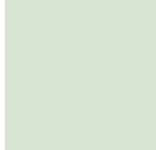
Original Color
CFEB95



Protanomaly
E7E492

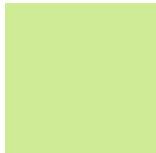


Deuteranomaly
EEE0A8

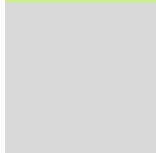


Tritanomaly
D7E4D0

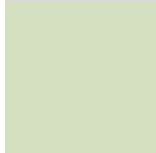
Monochromacy



Original Color
CFEB95



Achromatopsia
D9D9D9



Achromatomaly
D5E0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex CFEB95 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 #CFEB95 looks like.

```
.text, #text, p{  
    color:#CFEB95  
}
```

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 #CFEB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFEB95  
}
```

Border

The CSS property to change the border of an element to Hex CFEB95 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  
#CFEB95 }
```

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

```
.border{ border-color:#CFEB95 }
```

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

Here you see how a box with a 4 pixel #CFEB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFEB95; -webkit-box-shadow:4px 4px  
4px 4px #CFEB95; box-shadow:4px 4px 4px  
4px #CFEB95 }
```

Background

The CSS property to change the background color of an element to Hex CFEB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFEB95 }
```

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

```
.background{ background-color:#CFEB95 }
```

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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