

Converting Colors

Hex(CFED90)

Have a look what the booklet for
Hex(CFED90) contains.

Hex(CFED90)	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(CFED90)

Conversions

Conversions Part 1

Format	Color
Hex	CFED90
RGB	207, 237, 144
RGB Percent	81%, 93%, 56%
CMY	0.1882, 0.0706, 0.4353
CMYK	0.13, 0.00, 0.39, 0.07
HSL	79°, 72%, 75%
HSV	79°, 39%, 93%
XYZ	61.0504, 75.8474, 37.8079
YIQ	217.4280, 11.9730, -35.2830

Conversions

Conversions Part 2

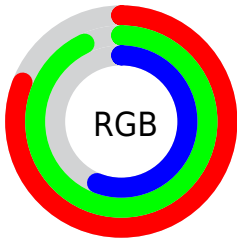
Format	Color
RYB	144, 237, 174
Decimal	13626768
CIELab	89.79, -24.58, 41.82
CIELCh	90, 48.508, 120.443
Yxy	75.8474, 0.3494, 0.4341
Android (android.graphics.Color)	4291816848 (0xFFCFED90)
YUV	217.4280, -36.2000, -9.1454
Hunter-Lab	87.0904, -27.2798, 35.2242

Details

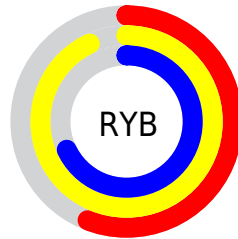
The Hex color **CFED90** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AE90ED**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFC7**, and **97B55C** is the 20% darker color. If you saturate the color by 10%, you get **C7ED78**, and if you desaturate by 10%, it is **D7EDA8**.

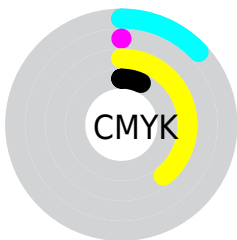
Distribution



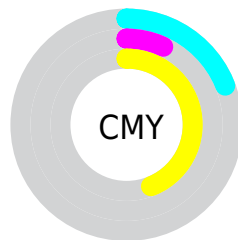
- Red (81%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFED90 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 CFED90 by changing the saturation by 10% instead.

 CFED90

 CFED90

FFFFFF

 B3D176

 FFFFC7

 97B55C

 FFFF E3

 7C9A43

 62802A

 49670F

 304F00

 173800

 002300

 000000

 CFED90

 CFED90

 C7ED78

 D7EDA8

 C0ED61

 DEEDBF

 B8ED49

 E6EDD7

 B0ED31

 EEDEF

 A9ED1A

 F5EDFF

 A1ED02

 FDEDF

 A1ED00

 FFEDFF

Harmonies

Analogous

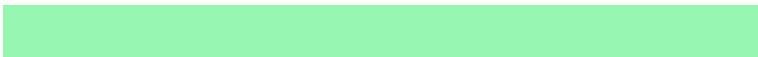
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDF84



CFED90



97F6B2

Triad

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



CFED90



41F3FF



FFBDE3

Complementary

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



CFED90



AE90ED

Split Complementary

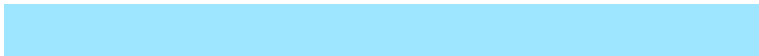
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



CFED90



9EE6FF

Square

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



CFED90



00F9FF



E8D5FF



FFC1B5

Rectangle

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



CFED90



6CFAD1



E8D5FF



FFBFF3

Sweetspot

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



CFED90



F5FFE0



EDAD90



7A806E



000000



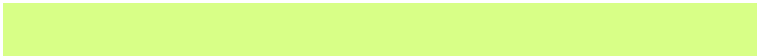
808080

Same Dimension

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



CFED90



D8FF87



A1ED90



72756A



7BB500



243600

Inverse Universe

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



AE90ED



AE87FF



DC90ED



6D6A75



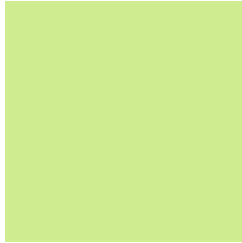
3A00B5



110036

Previews

White Background



This preview shows how the Hex color CFED90 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 CFED90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

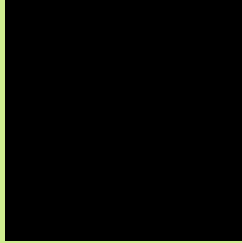
Any Text WCAG AA ✓ Pass

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 CFED90 Background



This preview shows how black text looks on a background with the Hex color CFED90.

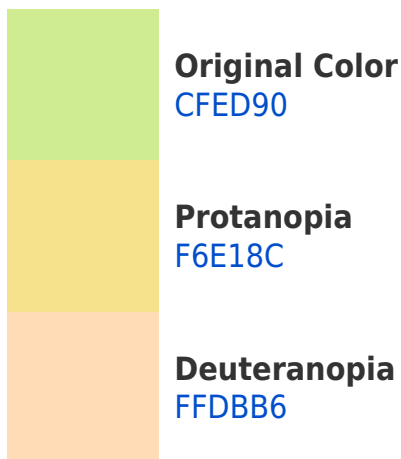


This preview shows how white text looks on a background with the Hex color CFED90.

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](#).

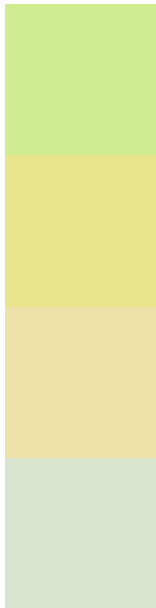
Dichromacy





Tritanopia
DCE1F3

Trichromacy



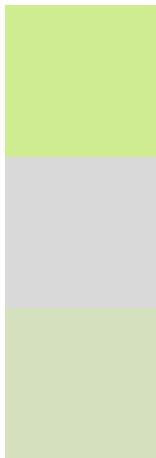
Original Color
CFED90

Protanomaly
E8E58D

Deuteranomaly
EEE2A8

Tritanomaly
D7E5CF

Monochromacy



Original Color
CFED90

Achromatopsia
D9D9D9

Achromatomaly
D5E0BE

CSS Examples

Text

The CSS property to change the color of the text to Hex CFED90 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 #CFED90 looks like.

```
.text, #text, p{  
    color:#CFED90  
}
```

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 #CFED90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFED90
}
```

Border

The CSS property to change the border of an element to Hex CFED90 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
#CFED90 }
```

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

```
.border{ border-color:#CFED90 }
```

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

Here you see how a box with a 4 pixel #CFED90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFED90; -webkit-box-shadow:4px 4px  
4px 4px #CFED90; box-shadow:4px 4px 4px  
4px #CFED90 }
```

Background

The CSS property to change the background color of an element to Hex CFED90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFED90 }
```

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

```
.background{ background-color:#CFED90 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor