

Converting Colors

Hex(CEF494)

Have a look what the booklet for
Hex(CEF494) contains.

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Color

Hex(CEF494)

Conversions

Conversions Part 1

Format	Color
Hex	CEF494
RGB	206, 244, 148
RGB Percent	81%, 96%, 58%
CMY	0.1922, 0.0431, 0.4196
CMYK	0.16, 0.00, 0.39, 0.04
HSL	84°, 81%, 77%
HSV	84°, 39%, 96%
XYZ	63.1496, 79.9613, 40.1227
YIQ	221.6940, 8.1680, -37.9120

Conversions

Conversions Part 2

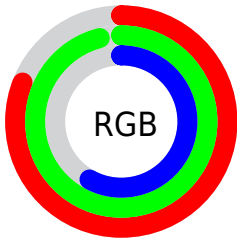
Format	Color
RYB	148, 244, 186
Decimal	13563028
CIELab	91.67, -27.79, 42.25
CIELCh	92, 50.567, 123.335
Yxy	79.9613, 0.3446, 0.4364
Android (android.graphics.Color)	4291753108 (0xFFCEF494)
YUV	221.6940, -36.3311, -13.7636
Hunter-Lab	89.4211, -30.4294, 35.9917

Details

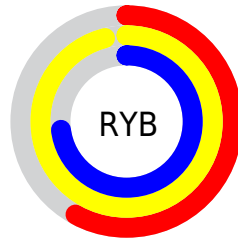
The Hex color **CEF494** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BA94F4**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFF9CB**, and **96BC60** is the 20% darker color. If you saturate the color by 10%, you get **C4F47C**, and if you desaturate by 10%, it is **D8F4AC**.

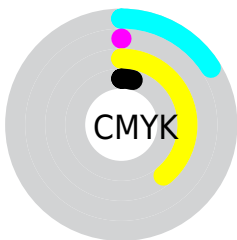
Distribution



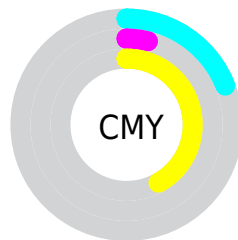
- Red (81%)
- Green (96%)
- Blue (58%)



- Red (58%)
- Yellow (96%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF494 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 CEF494 by changing the saturation by 10% instead.

 CEF494

FFFFFF

 FFFFCB

 FFFFEB

 CEF494

 B2D779

 96BC60

 7BA146

 61862D

 476D13

 2E5400

 153D00

 002700

 000B00

 CEF494

 CEF494

 C4F47C

 D8F4AC

 BBF463

 E1F4C5

 B1F44B

 EBF4DD

 A7F432

 F5F4F6

 9EF41A

 FEF4FF

 94F402

 FFF4FF

 93F400

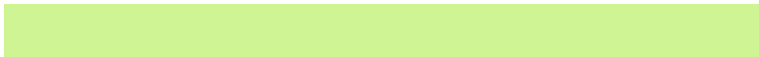
Harmonies

Analogous

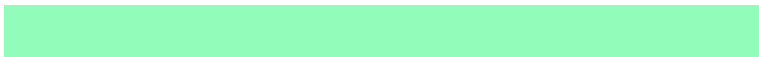
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE685



CEF494



92FDBA

Triad

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



CEF494



42F8FF



FFC1E3

Complementary

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



CEF494



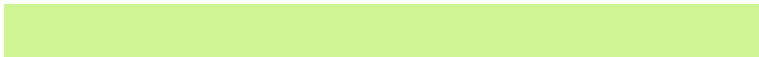
BA94F4

Split Complementary

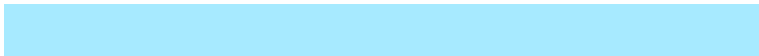
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FF



CEF494



A7EAFF

Square

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



CEF494



00FFFF



F3D8FF



FFC6B4

Rectangle

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



CEF494



62FFDA



F3D8FF



FFC2F4

Sweetspot

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



CEF494



F3FFE0



F4B994



78806E



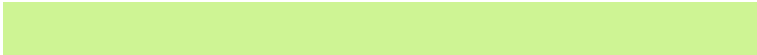
000000



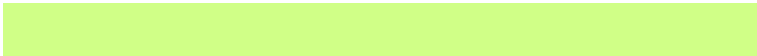
808080

Same Dimension

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



CEF494



D0FF87



9FF494



767A6E



70BA00



233B00

Inverse Universe

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



BA94F4



B787FF



E994F4



736E7A



4A00BA



17003B

Previews

White Background



This preview shows how the Hex color CEF494 looks on a white background.

Color Contrast Check

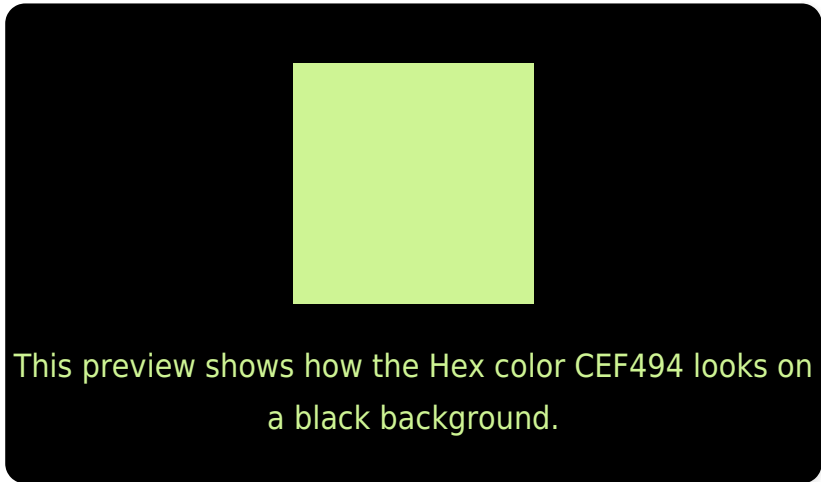
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 CEF494 Background



This preview shows how black text looks on a background with the Hex color CEF494.

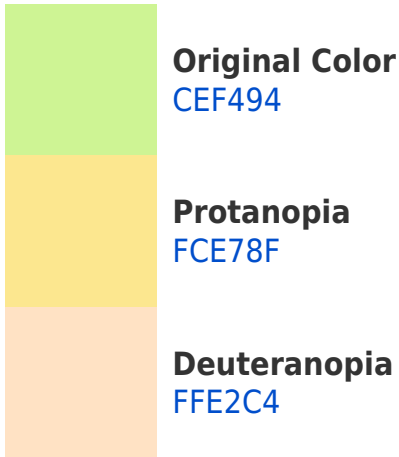


This preview shows how white text looks on a background with the Hex color CEF494.

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



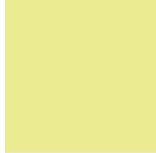


Tritanopia
DCE8FA

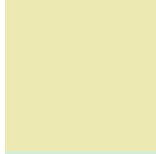
Trichromacy



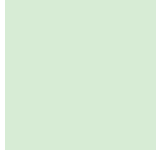
Original Color
CEF494



Protanomaly
EBEC91

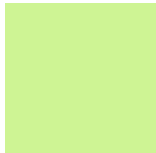


Deuteranomaly
EDE9B3

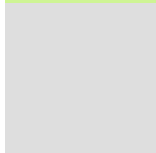


Tritanomaly
D7ECD5

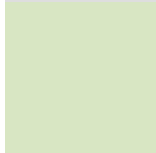
Monochromacy



Original Color
CEF494



Achromatopsia
DEDEDE



Achromatomaly
D8E6C3

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF494 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 #CEF494 looks like.

```
.text, #text, p{  
    color:#CEF494  
}
```

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 #CEF494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF494
}
```

Border

The CSS property to change the border of an element to Hex CEF494 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
#CEF494 }
```

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

```
.border{ border-color:#CEF494 }
```

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

Here you see how a box with a 4 pixel #CEF494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF494; -webkit-box-shadow:4px 4px  
4px 4px #CEF494; box-shadow:4px 4px 4px  
4px #CEF494 }
```

Background

The CSS property to change the background color of an element to Hex CEF494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF494 }
```

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

```
.background{ background-color:#CEF494 }
```

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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