

Converting Colors

Hex(CEF090)

Have a look what the booklet for
Hex(CEF090) contains.

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Color

Hex(CEF090)

Conversions

Conversions Part 1

Format	Color
Hex	CEF090
RGB	206, 240, 144
RGB Percent	81%, 94%, 56%
CMY	0.1922, 0.0588, 0.4353
CMYK	0.14, 0.00, 0.40, 0.06
HSL	81°, 76%, 75%
HSV	81°, 40%, 94%
XYZ	61.6477, 77.4556, 38.0868
YIQ	218.8900, 10.5520, -37.0640

Conversions

Conversions Part 2

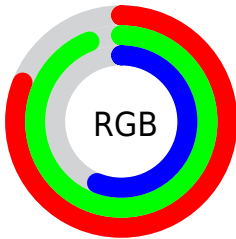
Format	Color
RYB	144, 240, 178
Decimal	13562000
CIELab	90.53, -26.38, 42.76
CIElCh	91, 50.237, 121.671
Yxy	77.4556, 0.3479, 0.4371
Android (android.graphics.Color)	4291752080 (0xFFCEF090)
YUV	218.8900, -36.9208, -11.3045
Hunter-Lab	88.0089, -28.9813, 35.9478

Details

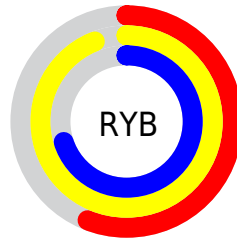
The Hex color **CEF090** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B290F0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFC7**, and **96B85C** is the 20% darker color. If you saturate the color by 10%, you get **C6F078**, and if you desaturate by 10%, it is **D7F0A8**.

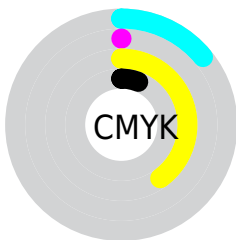
Distribution



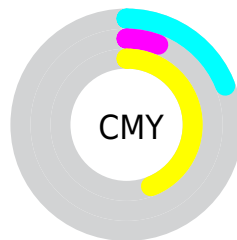
- Red (81%)
- Green (94%)
- Blue (56%)



- Red (56%)
- Yellow (94%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF090 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 CEF090 by changing the saturation by 10% instead.

 CEF090

 CEF090

FFFFFF

 B2D476

 FFFFC7

 96B85C

 FFFF E3

 7B9D43

 618329

 47690E

 2E5100

 153A00

 002400

 000400

 CEF090

 CEF090

 C6F078

 D7F0A8

 BDF060

 DFF0C0

 B5F048

 E7F0D8

 ACF030

 F0F0F0

 A4F018

 F8FOFF

 9BF000

 FFFOFF

Harmonies

Analogous

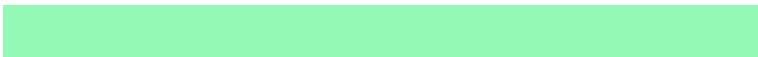
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE282



CEF090



93F9B5

Triad

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



CEF090



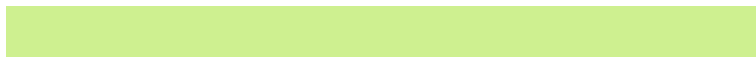
38F5FF



FFBEE3

Complementary

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



CEF090



B290F0

Split Complementary

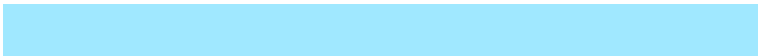
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



CEF090



A0E8FF

Square

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



CEF090



00FCFF



ECD6FF



FFC3B4

Rectangle

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



CEF090



64FDD4



ECD6FF



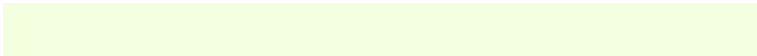
FFBFF3

Sweetspot

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



CEF090



F4FFE0



F0B290



79806E



000000



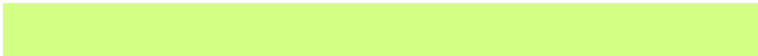
808080

Same Dimension

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



CEF090



D4FF85



9EF090



74786C



77B800



243800

Inverse Universe

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



B290F0



B085FF



E290F0



706C78



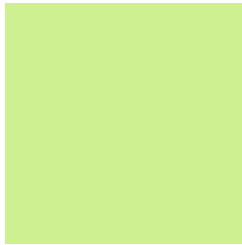
4100B8



140038

Previews

White Background



This preview shows how the Hex color CEF090 looks on a white background.

Color Contrast Check

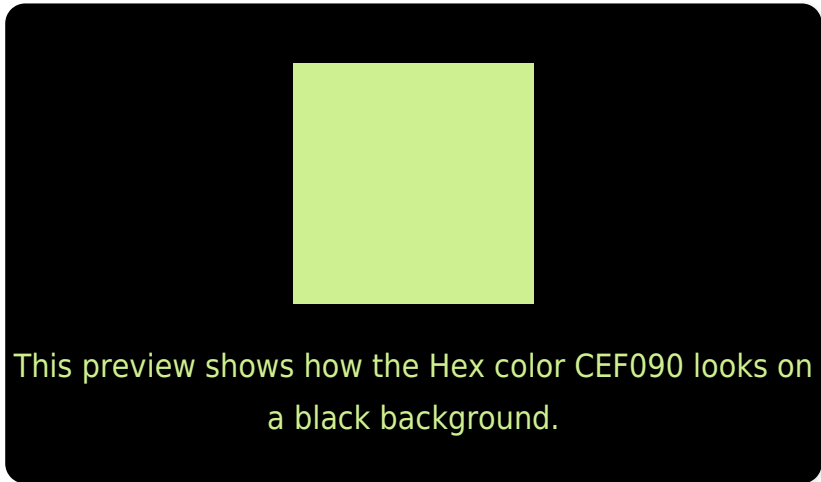
Large Text (above 18pt) WCAG AA × Fail

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 CEF090 Background



This preview shows how black text looks on a background with the Hex color CEF090.

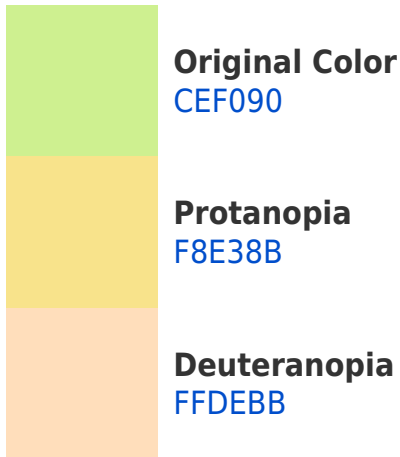


This preview shows how white text looks on a background with the Hex color CEF090.

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](#).

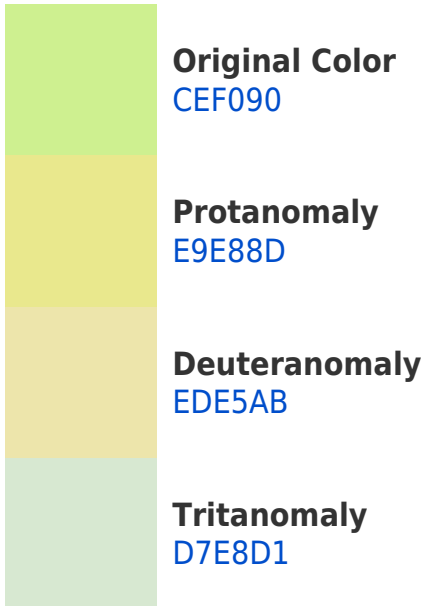
Dichromacy



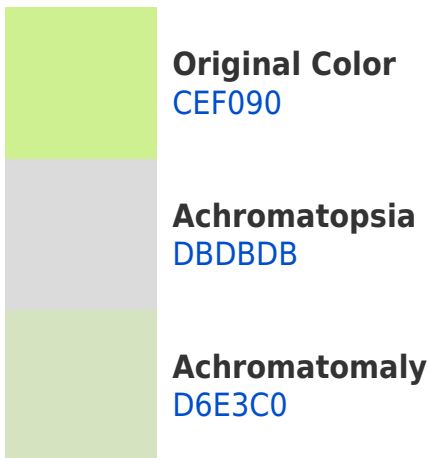


Tritanopia
DCE4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEF090 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 #CEF090 looks like.

```
.text, #text, p{  
    color:#CEF090  
}
```

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 #CEF090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF090
}
```

Border

The CSS property to change the border of an element to Hex CEF090 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
#CEF090 }
```

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

```
.border{ border-color:#CEF090 }
```

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

Here you see how a box with a 4 pixel #CEF090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF090; -webkit-box-shadow:4px 4px  
4px 4px #CEF090; box-shadow:4px 4px 4px  
4px #CEF090 }
```

Background

The CSS property to change the background color of an element to Hex CEF090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF090 }
```

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

```
.background{ background-color:#CEF090 }
```

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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