

Converting Colors

Hex(CCF08E)

Have a look what the booklet for
Hex(CCF08E) contains.

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Color

Hex(CCF08E)

Conversions

Conversions Part 1

Format	Color
Hex	CCF08E
RGB	204, 240, 142
RGB Percent	80%, 94%, 56%
CMY	0.2000, 0.0588, 0.4431
CMYK	0.15, 0.00, 0.41, 0.06
HSL	82°, 77%, 75%
HSV	82°, 41%, 94%
XYZ	60.9444, 77.1105, 37.2629
YIQ	218.0640, 10.0020, -38.1100

Conversions

Conversions Part 2

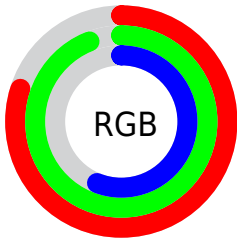
Format	Color
RYB	142, 240, 178
Decimal	13430926
CIELab	90.37, -27.35, 43.51
CIELCh	90, 51.386, 122.151
Yxy	77.1105, 0.3476, 0.4398
Android (android.graphics.Color)	4291621006 (0xFFCCCF08E)
YUV	218.0640, -37.4996, -12.3341
Hunter-Lab	87.8126, -29.7881, 36.3094

Details

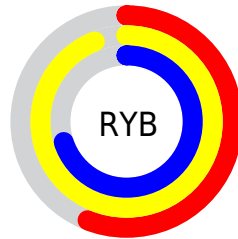
The Hex color **CCF08E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B28EF0**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFC5**, and **94B85A** is the 20% darker color. If you saturate the color by 10%, you get **C3F076**, and if you desaturate by 10%, it is **D5F0A6**.

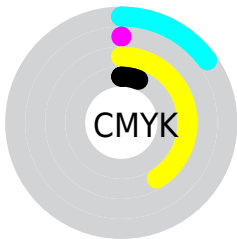
Distribution



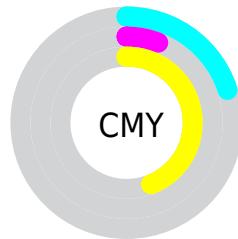
- Red (80%)
- Green (94%)
- Blue (56%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCF08E 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 CCF08E by changing the saturation by 10% instead.

 CCF08E

 CCF08E

FFFFFF

 B0D474

 FFFFC5

 94B85A

 FFFFE1

 799D40

FFFFFFE

 5F8327

 45690A

 2C5100

 123A00

 002400

 000300

 CCF08E

 CCF08E

 C3F076

 D5F0A6

 BAF05E

 DEF0BE

 B2F046


 E6F0D6

 A9F02E

 EFF0EE

 A0F016

 F8F0FF

 98F000

 FFF0FF

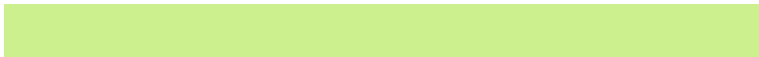
Harmonies

Analogous

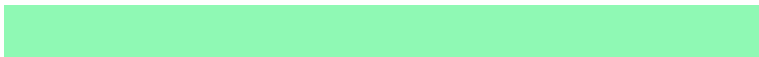
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE280



CCF08E



8FF9B4

Triad

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



CCF08E



2AF5FF



FFBCE2

Complementary

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



CCF08E



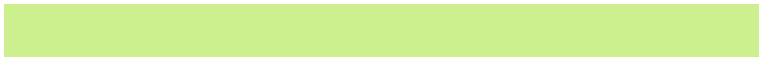
B28EF0

Split Complementary

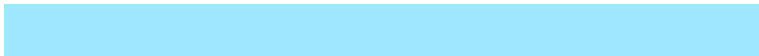
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4FF



CCF08E



9EE7FF

Square

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



CCF08E



00FCFF



EDD5FF



FFC1B2

Rectangle

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



CCF08E



5EFDD4



EDD5FF



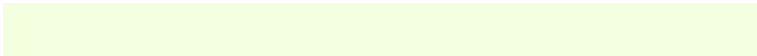
FFBDF2

Sweetspot

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



CCF08E



F4FFE0



F0B28E



79806E



000000



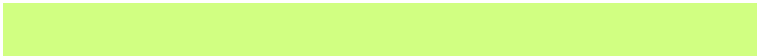
808080

Same Dimension

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



CCF08E



D1FF82



9BF08E



73786C



74B800



233800

Inverse Universe

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



B28EF0



B082FF



E38EF0



706C78



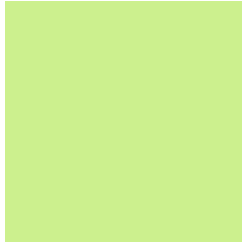
4300B8



150038

Previews

White Background



This preview shows how the Hex color CCF08E looks on a white background.

Color Contrast Check

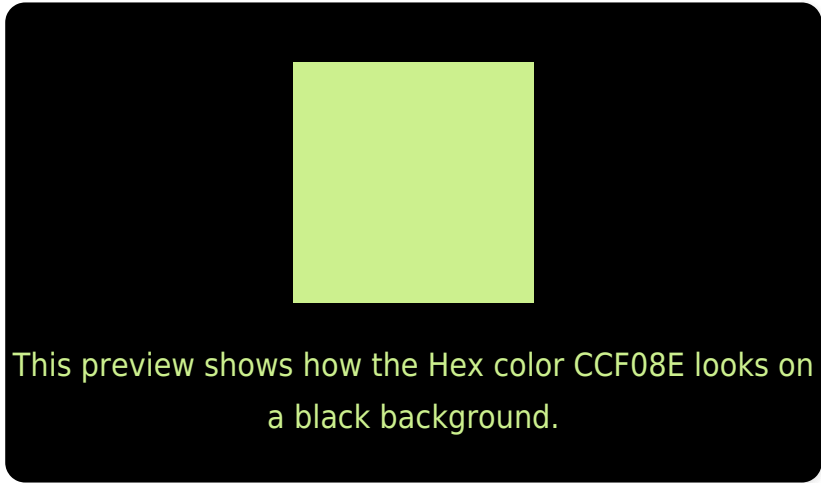
Large Text (above 18pt) WCAG AA × Fail

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 CCF08E Background



This preview shows how black text looks on a background with the Hex color CCF08E.

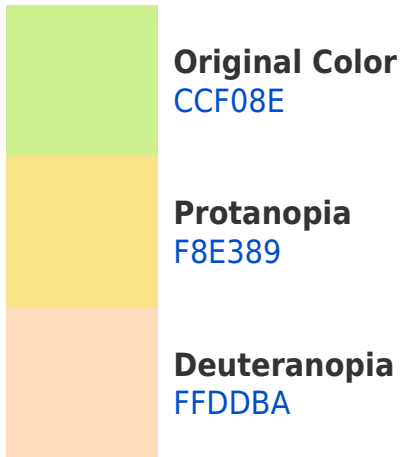


This preview shows how white text looks on a background with the Hex color CCF08E.

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



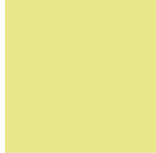


Tritanopia
DAE4F6

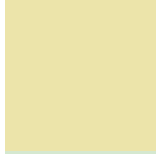
Trichromacy



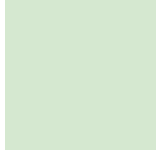
Original Color
CCF08E



Protanomaly
E8E88B



Deuteranomaly
ECE4AA

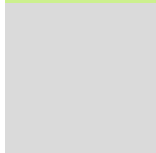


Tritanomaly
D5E8D0

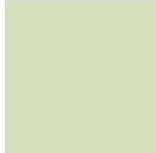
Monochromacy



Original Color
CCF08E



Achromatopsia
DADADA



Achromatomaly
D5E2BE

CSS Examples

Text

The CSS property to change the color of the text to Hex CCF08E 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 #CCF08E looks like.

```
.text, #text, p{  
    color:#CCF08E  
}
```

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 #CCF08E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF08E
}
```

Border

The CSS property to change the border of an element to Hex CCF08E 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
#CCF08E }
```

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

```
.border{ border-color:#CCF08E }
```

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

Here you see how a box with a 4 pixel #CCF08E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF08E; -webkit-box-shadow:4px 4px  
4px 4px #CCF08E; box-shadow:4px 4px 4px  
4px #CCF08E }
```

Background

The CSS property to change the background color of an element to Hex CCF08E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF08E }
```

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

```
.background{ background-color:#CCF08E }
```

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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