

Converting Colors

Hex(CFE382)

Have a look what the booklet for
Hex(CFE382) contains.

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Color

Hex(CFE382)

Conversions

Conversions Part 1

Format	Color
Hex	CFE382
RGB	207, 227, 130
RGB Percent	81%, 89%, 51%
CMY	0.1882, 0.1098, 0.4902
CMYK	0.09, 0.00, 0.43, 0.11
HSL	72°, 63%, 70%
HSV	72°, 43%, 89%
XYZ	57.2305, 69.8153, 31.5784
YIQ	209.9620, 19.2170, -34.4070

Conversions

Conversions Part 2

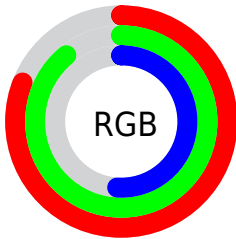
Format	Color
RYB	130, 227, 150
Decimal	13624194
CIELab	86.91, -21.35, 45.04
CIElCh	87, 49.842, 115.359
Yxy	69.8153, 0.3608, 0.4401
Android (android.graphics.Color)	4291814274 (0xFFCFE382)
YUV	209.9620, -39.4213, -2.5977
Hunter-Lab	83.5555, -23.9605, 36.0812

Details

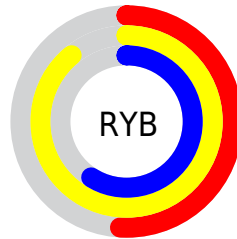
The Hex color **CFE382** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9682E3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFB8**, and **97AC4E** is the 20% darker color. If you saturate the color by 10%, you get **CAE36B**, and if you desaturate by 10%, it is **D4E399**.

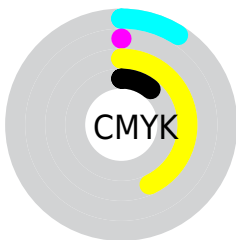
Distribution



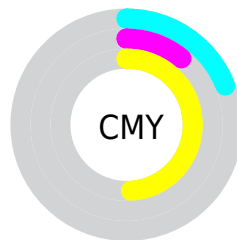
- Red (81%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFE382 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 CFE382 by changing the saturation by 10% instead.

 CFE382

 CFE382

FFFFFF

 B3C768

 FFFFB8

 97AC4E

 FFFFD5

 7C9135

 FFFFF1

 62771B

 485F00

 304700

 163000

 001D00

 000000

 CFE382

 CFE382

 CAE36B

 D4E399

 C6E355

 D8E3AF

 C1E33E

 DDE3C6

 BCE327

 E2E3DD

 B8E311

 E6E3F3

 B4E300

 EBE3FF

 F0E3FF

 F4E3FF

 F9E3FF

Harmonies

Analogous

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



FED47A



CFE382



97EDA2

Triad

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



CFE382



00ECFF



FFB5E3

Complementary

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



CFE382



9682E3

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.



FFBFFF



CFE382



82E1FF

Square

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



CFE382



00F2FF



D4D0FF



FFB7B4

Rectangle

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



CFE382



6AF1C0



D4D0FF



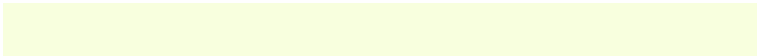
FFB7F3

Sweetspot

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



CFE382



F8FFDE



E39582



7B806B



000000



808080

Same Dimension

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



CFE382



E4FF7D



9FE382



707367



8EB300



283300

Inverse Universe

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



9682E3



987DFF



C682E3



6A6773



2500B3



0B0033

Previews

White Background



This preview shows how the Hex color CFE382 looks on a white background.

Color Contrast Check

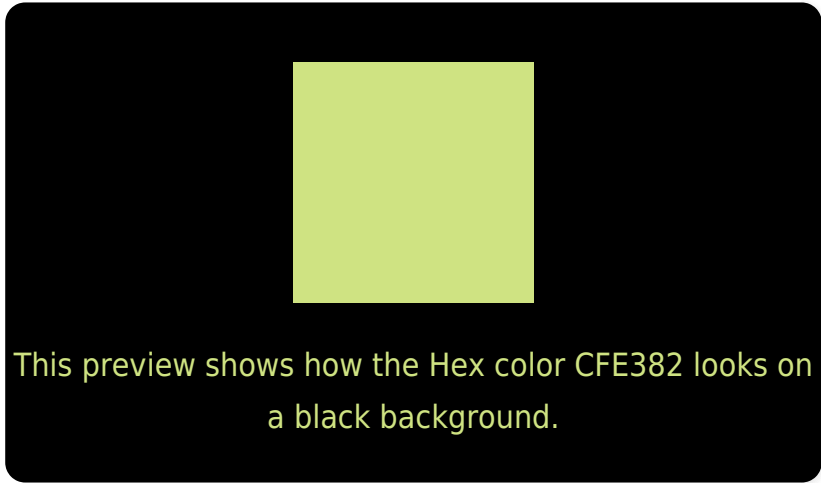
Large Text (above 18pt) WCAG AA × Fail

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 CFE382 Background



This preview shows how black text looks on a background with the Hex color CFE382.

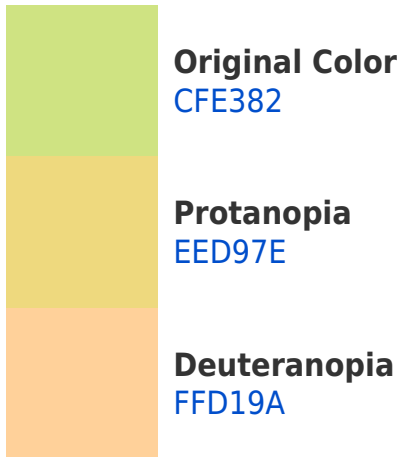


This preview shows how white text looks on a background with the Hex color CFE382.

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](#).

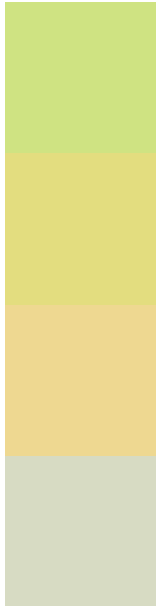
Dichromacy





Tritanopia
DCD7E8

Trichromacy



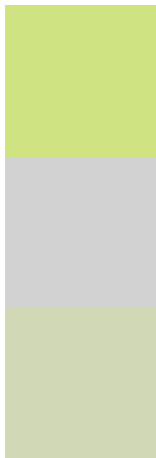
Original Color
CFE382

Protanomaly
E3DD7F

Deuteranomaly
EED891

Tritanomaly
D7DBC3

Monochromacy



Original Color
CFE382

Achromatopsia
D2D2D2

Achromatomaly
D1D8B5

CSS Examples

Text

The CSS property to change the color of the text to Hex CFE382 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 #CFE382 looks like.

```
.text, #text, p{  
    color:#CFE382  
}
```

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 #CFE382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE382
}
```

Border

The CSS property to change the border of an element to Hex CFE382 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
#CFE382 }
```

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

```
.border{ border-color:#CFE382 }
```

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

Here you see how a box with a 4 pixel #CFE382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE382; -webkit-box-shadow:4px 4px  
4px 4px #CFE382; box-shadow:4px 4px 4px  
4px #CFE382 }
```

Background

The CSS property to change the background color of an element to Hex CFE382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE382 }
```

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

```
.background{ background-color:#CFE382 }
```

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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