

Converting Colors

Hex(CD826F)

Have a look what the booklet for
Hex(CD826F) contains.

| | |
|--|----|
| Hex(CD826F) | 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(CD826F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CD826F |
| RGB | 205, 130, 111 |
| RGB Percent | 80%, 51%, 44% |
| CMY | 0.1961, 0.4902, 0.5647 |
| CMYK | 0.00, 0.37, 0.46, 0.20 |
| HSL | 12°, 48%, 62% |
| HSV | 12°, 46%, 80% |
| XYZ | 36.0287, 30.0921, 18.9484 |
| YIQ | 150.2590, 50.7990, 9.9910 |

Conversions

Conversions Part 2

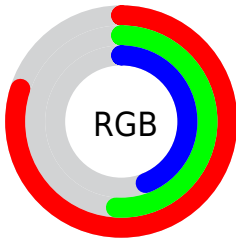
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 205, 135, 111 |
| Decimal | 13468271 |
| CIE Lab | 61.73, 26.80, 22.36 |
| CIE LCh | 62, 34.905, 39.842 |
| Yxy | 30.0921, 0.4235, 0.3537 |
| Android (android.graphics.Color) | 4291658351 (0xFFCD826F) |
| YUV | 150.2590, -19.3547, 48.0079 |
| Hunter-Lab | 54.8563, 21.2375, 17.9195 |

Details

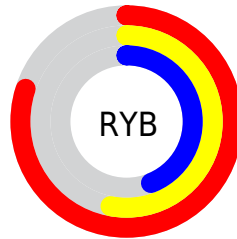
The Hex color **CD826F** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6FBACD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB8A3**, and **94503F** is the 20% darker color. If you saturate the color by 10%, you get **CD725A**, and if you desaturate by 10%, it is **CD9284**.

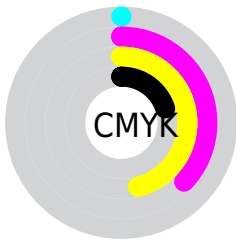
Distribution



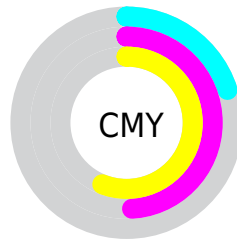
- Red (80%)
- Green (51%)
- Blue (44%)



- Red (80%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD826F 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 CD826F by changing the saturation by 10% instead.

 CD826F

 CD826F

FFFFFF

 B06857

 FF8A3

 94503F

 FFD3BE

 783829

 FFF0DA

 5D2114

 FFFFF6

 430800

 2B0000

 000000

 CD826F

 CD826F

 CD725A

 CD9284

 CD6146

 CDA398

 CD5132

 CDB3AD

 CD411D

 CDC3C1

 CD3008

 CDD4D6

 CD2900

 CDE4EA

 CDF4FF

 CDFFFF

Harmonies

Analogous

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



D17D8C



CD826F



BB8C5B

Triad

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



CD826F



57A47F



7995D2

Complementary

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



CD826F



6FBACD

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.



419ECE



CD826F



28A69F

Square

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



CD826F



7E9F65



00A4BC



A689C5

Rectangle

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



CD826F



A99357



00A4BC



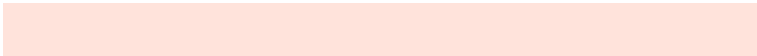
6798D3

Sweetspot

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



CD826F



FFE3DB



CD6FBA



806E6A



000000



808080

Same Dimension

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



CD826F



FF8F73



CDB16F



665E5C



A62200



260800

Inverse Universe

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



6FBACD



73E3FF



6F8BCD



5C6466



0084A6



001F26

Previews

White Background



This preview shows how the Hex color CD826F looks on a white background.

Color Contrast Check

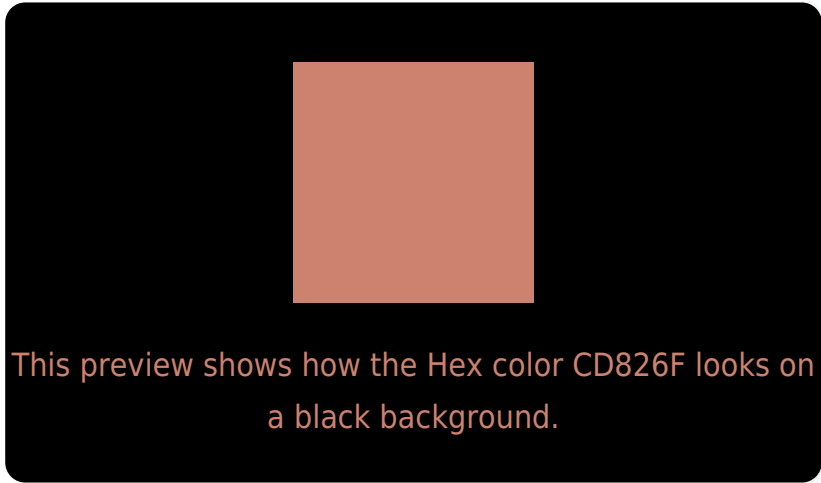
Large Text (above 18pt) WCAG AA × Fail

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 CD826F Background



This preview shows how black text looks on a background with the Hex color CD826F.



This preview shows how white text looks on a background with the Hex color CD826F.

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



Original Color
CD826F

Protanopia
9F9578

Deuteranopia
B18F6D



Tritanopia
CF7E88

Trichromacy



Original Color
CD826F

Protanomaly
B08E75

Deuteranomaly
BB8A6E

Tritanomaly
CE7F7F

Monochromacy



Original Color
CD826F

Achromatopsia
969696

Achromatomaly
AA8F88

CSS Examples

Text

The CSS property to change the color of the text to Hex CD826F 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 #CD826F looks like.

```
.text, #text, p{  
    color:#CD826F  
}
```

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 #CD826F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD826F
}
```

Border

The CSS property to change the border of an element to Hex CD826F 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
#CD826F }
```

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

```
.border{ border-color:#CD826F }
```

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

Here you see how a box with a 4 pixel #CD826F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD826F; -webkit-box-shadow:4px 4px  
4px 4px #CD826F; box-shadow:4px 4px 4px  
4px #CD826F }
```

Background

The CSS property to change the background color of an element to Hex CD826F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD826F }
```

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

```
.background{ background-color:#CD826F }
```

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