

Converting Colors

Hex(DC8851)

Have a look what the booklet for
Hex(DC8851) contains.

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Color

Hex(DC8851)

Conversions

Conversions Part 1

Format	Color
Hex	DC8851
RGB	220, 136, 81
RGB Percent	86%, 53%, 32%
CMY	0.1373, 0.4667, 0.6824
CMYK	0.00, 0.38, 0.63, 0.14
HSL	24°, 67%, 59%
HSV	24°, 63%, 86%
XYZ	39.8046, 33.4180, 12.1370
YIQ	154.8460, 67.7190, 0.7030

Conversions

Conversions Part 2

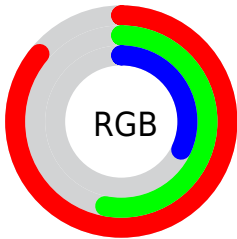
Format	Color
RYB	220, 172, 81
Decimal	14452817
CIELab	64.50, 27.11, 42.54
CIELCh	64, 50.441, 57.490
Yxy	33.4180, 0.4663, 0.3915
Android (android.graphics.Color)	4292642897 (0xFFDC8851)
YUV	154.8460, -36.4061, 57.1401
Hunter-Lab	57.8083, 21.7435, 28.0178

Details

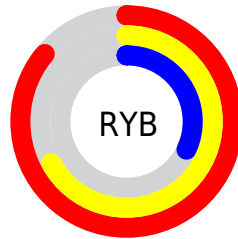
The Hex color **DC8851** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **51A5DC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBE84**, and **A05521** is the 20% darker color. If you saturate the color by 10%, you get **DC7B3B**, and if you desaturate by 10%, it is **DC9567**.

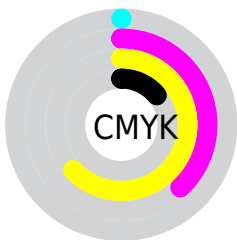
Distribution



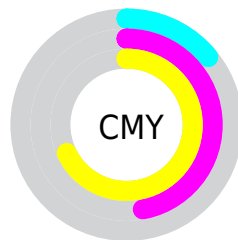
- Red (86%)
- Green (53%)
- Blue (32%)



- Red (86%)
- Yellow (67%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC8851 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 DC8851 by changing the saturation by 10% instead.

 DC8851

 DC8851

FFFFFF

 BE6E39

 FFBE84

 A05521

 FFDA9E

 833D07

 FFF6BA

 672600

 FFFFD6

 4B0F00

 FFFFF2

 310000

 090000

 000000

 DC8851

 DC8851

 DC7B3B

 DC9567

 DC6D25

 DCA37D

 DC600F

 DCB093

 DC5700

 DCBDA9

 DCCABF

 DCD8D5

 DCE5EB

 DCF2FF

 DCFFFF

Harmonies

Analogous

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



EF7975



DC8851



BA993F

Triad

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



DC8851



00B397



9992EC

Complementary

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



DC8851



51A5DC

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.



36A2F6



DC8851



00B2C5

Square

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



DC8851



53AF6A



00ADE8



D080CD

Rectangle

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



DC8851



9DA242



00ADE8



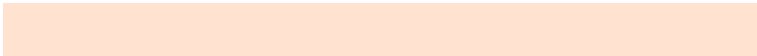
7F98F2

Sweetspot

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



DC8851



FFE2CF



DC51A7



806E62



000000



808080

Same Dimension

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



DC8851



FF8A3D



DCCC51



6E6763



AD4500



2E1200

Inverse Universe

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



51A5DC



3DB2FF



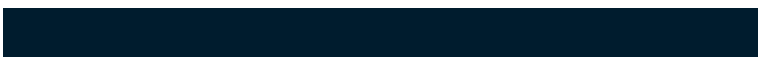
5161DC



63696E



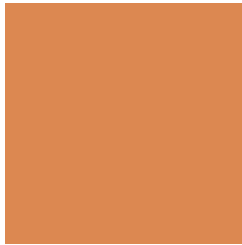
0069AD



001C2E

Previews

White Background



This preview shows how the Hex color DC8851 looks on a white background.

Color Contrast Check

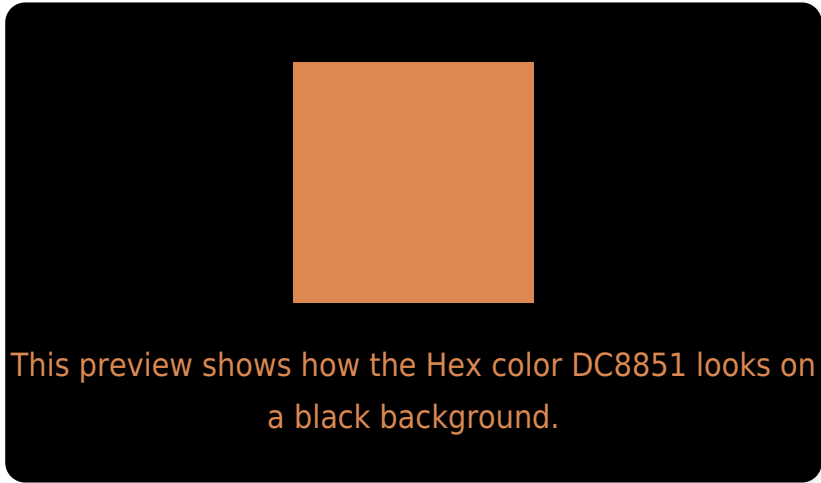
Large Text (above 18pt) WCAG AA × Fail

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

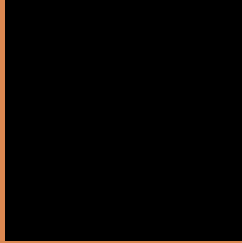
Any Text WCAG AA ✓ Pass

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 DC8851 Background



This preview shows how black text looks on a background with the Hex color DC8851.

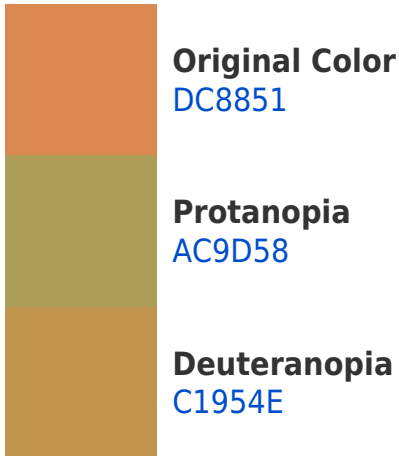


This preview shows how white text looks on a background with the Hex color DC8851.

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](#).

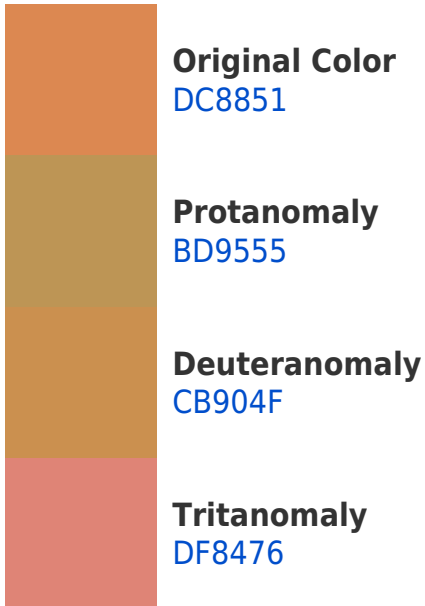
Dichromacy



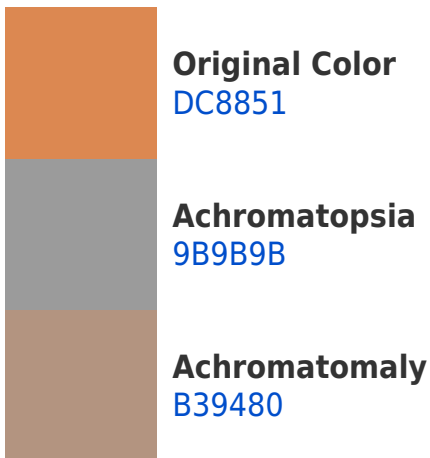


Tritanopia
E0818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC8851 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 #DC8851 looks like.

```
.text, #text, p{  
    color:#DC8851  
}
```

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 #DC8851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8851
}
```

Border

The CSS property to change the border of an element to Hex DC8851 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
#DC8851 }
```

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

```
.border{ border-color:#DC8851 }
```

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

Here you see how a box with a 4 pixel #DC8851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8851; -webkit-box-shadow:4px 4px  
4px 4px #DC8851; box-shadow:4px 4px 4px  
4px #DC8851 }
```

Background

The CSS property to change the background color of an element to Hex DC8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8851 }
```

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

```
.background{ background-color:#DC8851 }
```

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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