

Converting Colors

Hex(DCB938)

Have a look what the booklet for
Hex(DCB938) contains.

Hex(DCB938)	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(DCB938)

Conversions

Conversions Part 1

Format	Color
Hex	DCB938
RGB	220, 185, 56
RGB Percent	86%, 73%, 22%
CMY	0.1373, 0.2745, 0.7804
CMYK	0.00, 0.16, 0.75, 0.14
HSL	47°, 70%, 54%
HSV	47°, 75%, 86%
XYZ	47.5780, 50.1991, 10.9231
YIQ	180.7590, 62.2690, -32.6990

Conversions

Conversions Part 2

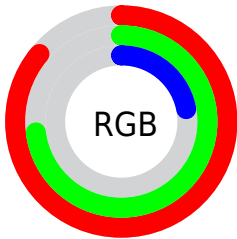
Format	Color
RYB	100, 220, 56
Decimal	14465336
CIELab	76.19, -0.37, 66.02
CIELCh	76, 66.021, 90.325
Yxy	50.1991, 0.4377, 0.4618
Android (android.graphics.Color)	4292655416 (0xFFDCB938)
YUV	180.7590, -61.5062, 34.4144
Hunter-Lab	70.8513, -4.1237, 40.4552

Details

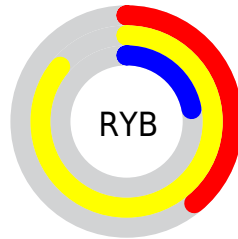
The Hex color **DCB938** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **385BDC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF170**, and **A18400** is the 20% darker color. If you saturate the color by 10%, you get **DCB422**, and if you desaturate by 10%, it is **DCBE4E**.

Distribution



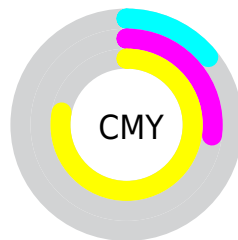
- Red (86%)
- Green (73%)
- Blue (22%)



- Red (39%)
- Yellow (86%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (75%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCB938 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 DCB938 by changing the saturation by 10% instead.

 DCB938

 DCB938

FFFFFF

 BE9E17

 FFF170

 A18400

 FFFF8B

 846B00

 FFFFA7

 685300

 FFFFC3

 4D3D00

 FFFFFE0

 322700

FFFFFFE

 1A1300

 000000

 DCB938

 DCB938

 DCB422

 DCBE4E

 DCB00C

 DCC264

 DCAD00

 DCC77A

 DCCC90

 DCD0A6

 DCD5BC

 DCDAD2

 DCDFE8

 DCE3FE

Harmonies

Analogous

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



FFA251



DCB938



9FCA4B

Triad

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



DCB938



00D9F8



FF92F9

Complementary

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



DCB938



385BDC

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.



BEABFF



DCB938



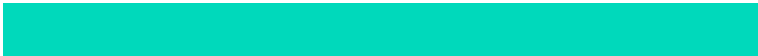
00D2FF

Square

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



DCB938



00D9BB



12C2FF



FF84BE

Rectangle

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



DCB938



6BD26A



12C2FF



F39AFF

Sweetspot

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



DCB938



FFF3C7



DC385C



80785E



000000



808080

Same Dimension

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



DCB938



FFCF1C



AEDC38



6E6B63



AD8800



2E2400

Inverse Universe

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



385BDC



1C4CFF



6638DC



63656E



0025AD



000A2E

Previews

White Background



This preview shows how the Hex color DCB938 looks on a white background.

Color Contrast Check

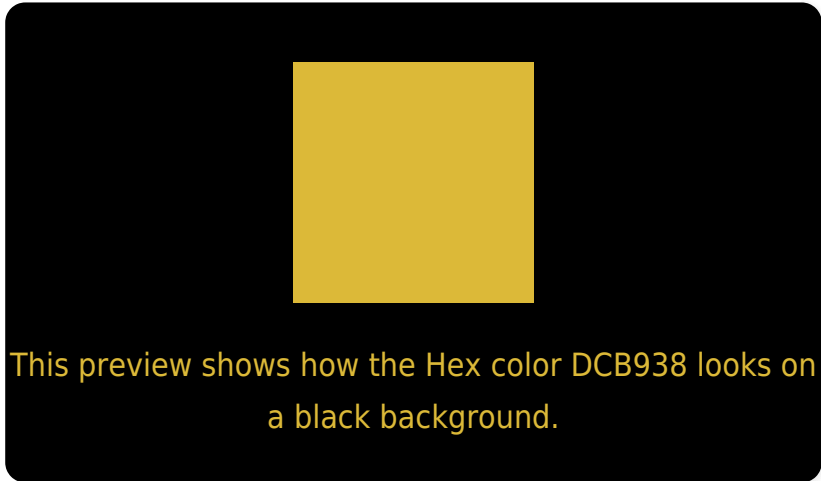
Large Text (above 18pt) WCAG AA × Fail

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 DCB938 Background



This preview shows how black text looks on a background with the Hex color DCB938.



This preview shows how white text looks on a background with the Hex color DCB938.

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
E5ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCB938 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 #DCB938 looks like.

```
.text, #text, p{  
    color:#DCB938  
}
```

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 #DCB938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB938  
}
```

Border

The CSS property to change the border of an element to Hex DCB938 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  
#DCB938 }
```

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

```
.border{ border-color:#DCB938 }
```

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

Here you see how a box with a 4 pixel #DCB938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB938; -webkit-box-shadow:4px 4px  
4px 4px #DCB938; box-shadow:4px 4px 4px  
4px #DCB938 }
```

Background

The CSS property to change the background color of an element to Hex DCB938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB938 }
```

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

```
.background{ background-color:#DCB938 }
```

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