

Converting Colors

Hex(D8B838)

Have a look what the booklet for
Hex(D8B838) contains.

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Color

Hex(D8B838)

Conversions

Conversions Part 1

Format	Color
Hex	D8B838
RGB	216, 184, 56
RGB Percent	85%, 72%, 22%
CMY	0.1529, 0.2784, 0.7804
CMYK	0.00, 0.15, 0.74, 0.15
HSL	48°, 67%, 53%
HSV	48°, 74%, 85%
XYZ	46.1732, 49.1654, 10.7977
YIQ	178.9760, 60.1600, -33.0240

Conversions

Conversions Part 2

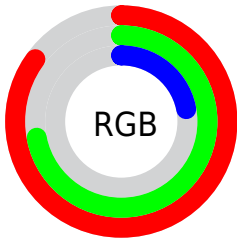
Format	Color
RYB	96, 216, 56
Decimal	14202936
CIELab	75.55, -1.57, 65.28
CIELCh	76, 65.297, 91.382
Yxy	49.1654, 0.4350, 0.4632
Android (android.graphics.Color)	4292393016 (0xFFD8B838)
YUV	178.9760, -60.6272, 32.4700
Hunter-Lab	70.1181, -5.1632, 39.9524

Details

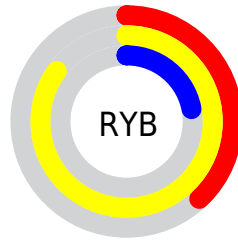
The Hex color **D8B838** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **3858D8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF06F**, and **9D8300** is the 20% darker color. If you saturate the color by 10%, you get **D8B422**, and if you desaturate by 10%, it is **D8BC4E**.

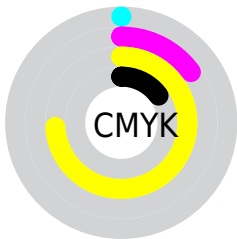
Distribution



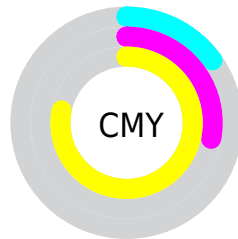
- Red (85%)
- Green (72%)
- Blue (22%)



- Red (38%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (74%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8B838 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 D8B838 by changing the saturation by 10% instead.

 D8B838

 D8B838

FFFFFF

 BA9D17

 FFF06F

 9D8300

 FFFF8B

 816A00

 FFFFA7

 655300

 FFFFC3

 493C00

 FFFFEO

 2F2700

FFFFFFD

 161200

 000000

 D8B838

 D8B838

 D8B422

 D8BC4E

 D8AF0D

 D8C163

 D8AD00

 D8C579

 D8C98E

 D8CEA4

 D8D2BA

 D8D6CF

 D8DBE5

 D8DFFA

Harmonies

Analogous

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



FFA14F



D8B838



9BC94C

Triad

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



D8B838



00D6F7



FF90F5

Complementary

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



D8B838



3858D8

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.



BFA9FF



D8B838



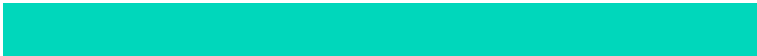
00CFFF

Square

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



D8B838



00D7BB



2AC0FF



FF83BA

Rectangle

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



D8B838



67D06B



2AC0FF



F398FF

Sweetspot

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



D8B838



FFF4C7



D83858



80795E



000000



808080

Same Dimension

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



D8B838



FFD21C



A8D838



6B6960



AB8900



2B2300

Inverse Universe

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



3858D8



1C49FF



6838D8



60636B



0022AB



00092B

Previews

White Background



This preview shows how the Hex color D8B838 looks on a white background.

Color Contrast Check

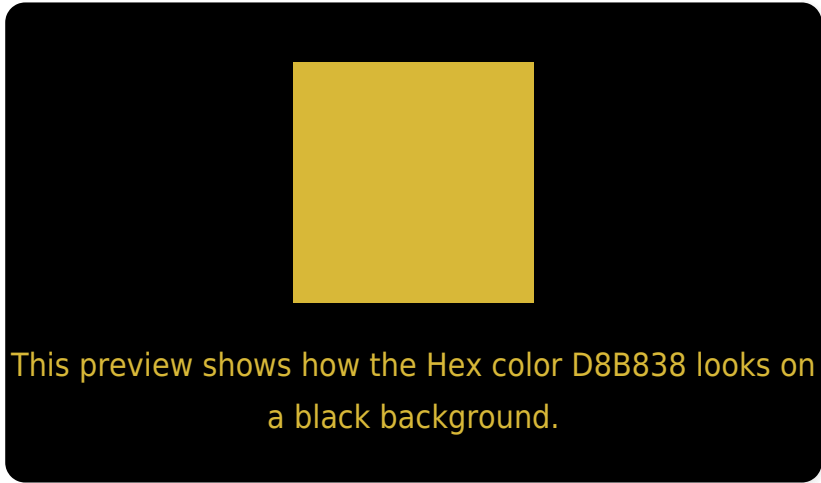
Large Text (above 18pt) WCAG AA × Fail

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 D8B838 Background



This preview shows how black text looks on a background with the Hex color D8B838.



This preview shows how white text looks on a background with the Hex color D8B838.

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
E2ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8B838 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 #D8B838 looks like.

```
.text, #text, p{  
    color:#D8B838  
}
```

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 #D8B838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8B838
}
```

Border

The CSS property to change the border of an element to Hex D8B838 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
#D8B838 }
```

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

```
.border{ border-color:#D8B838 }
```

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

Here you see how a box with a 4 pixel #D8B838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8B838; -webkit-box-shadow:4px 4px  
4px 4px #D8B838; box-shadow:4px 4px 4px  
4px #D8B838 }
```

Background

The CSS property to change the background color of an element to Hex D8B838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8B838 }
```

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

```
.background{ background-color:#D8B838 }
```

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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