

Converting Colors

Hex(D2B839)

Have a look what the booklet for
Hex(D2B839) contains.

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Color

Hex(D2B839)

Conversions

Conversions Part 1

Format	Color
Hex	D2B839
RGB	210, 184, 57
RGB Percent	82%, 72%, 22%
CMY	0.1765, 0.2784, 0.7765
CMYK	0.00, 0.12, 0.73, 0.18
HSL	50°, 63%, 52%
HSV	50°, 73%, 82%
XYZ	44.4574, 48.2780, 10.8463
YIQ	177.2960, 56.2630, -33.9850

Conversions

Conversions Part 2

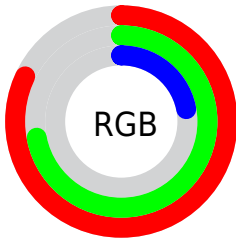
Format	Color
RYB	88, 210, 57
Decimal	13809721
CIELab	75.00, -4.12, 64.18
CIELCh	75, 64.316, 93.669
Yxy	48.2780, 0.4292, 0.4661
Android (android.graphics.Color)	4291999801 (0xFFD2B839)
YUV	177.2960, -59.3059, 28.6814
Hunter-Lab	69.4824, -7.3834, 39.3824

Details

The Hex color **D2B839** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **3953D2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFF070**, and **988300** is the 20% darker color. If you saturate the color by 10%, you get **D2B424**, and if you desaturate by 10%, it is **D2BC4E**.

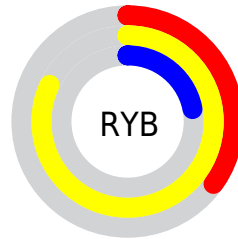
Distribution



Red (82%)

Green (72%)

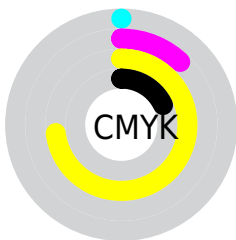
Blue (22%)



Red (35%)

Yellow (82%)

Blue (22%)

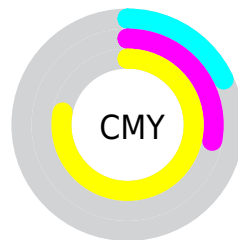


Cyan (0%)

Magenta (12%)

Yellow (73%)

Black (18%)



Cyan (18%)

Magenta (28%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2B839 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 D2B839 by changing the saturation by 10% instead.

 D2B839

 D2B839

FFFFFF

 B59D19

 FFF070

 988300

 FFFF8C

 7B6A00

 FFFFA7

 605300

 FFFFC4

 453C00

 FFFFE1

 2B2600

FFFFFFE

 101200

 000000

 D2B839

 D2B839

 D2B424

 D2BC4E

 D2B10F

 D2BF63

 D2AE00

 D2C378

 D2C68D

 D2CAA2

 D2CDB7

 D2D1CC

 D2D5E1

 D2D8F6

Harmonies

Analogous

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



FFA24D



D2B839



95C850

Triad

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



D2B839



00D4F9



FF8EEE

Complementary

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



D2B839



3953D2

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.



C5A6FF



D2B839



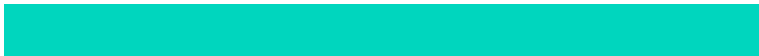
00CCFF

Square

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



D2B839



00D6BE



45BDFE



FF83B4

Rectangle

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



D2B839



60CF6F



45BDFF



F595FF

Sweetspot

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



D2B839



FFF5C7



D23955



807A5E



000000



808080

Same Dimension

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



D2B839



FFD921



A2D239



69675E



A88C00



292200

Inverse Universe

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



3953D2



2147FF



6939D2



5E6069



001DA8



000729

Previews

White Background



This preview shows how the Hex color D2B839 looks on a white background.

Color Contrast Check

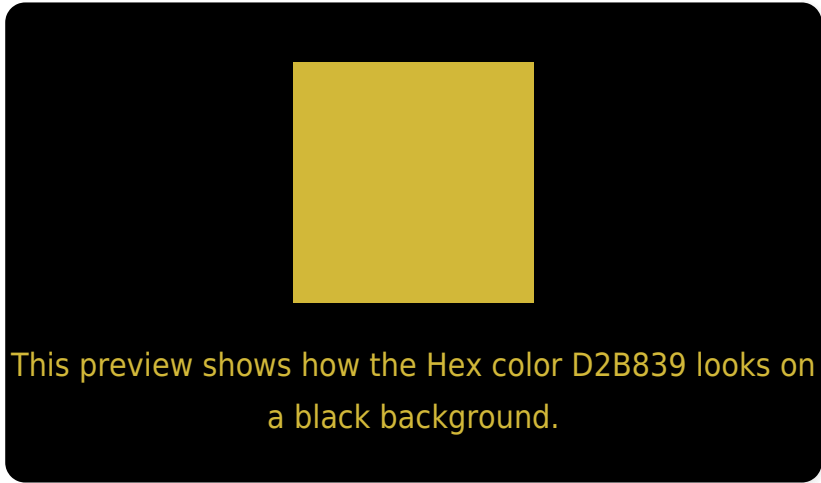
Large Text (above 18pt) WCAG AA × Fail

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 D2B839 Background



This preview shows how black text looks on a background with the Hex color D2B839.



This preview shows how white text looks on a background with the Hex color D2B839.

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

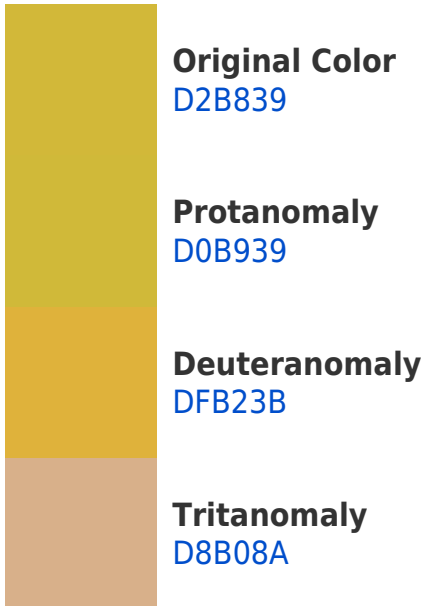


Original Color
D2B839

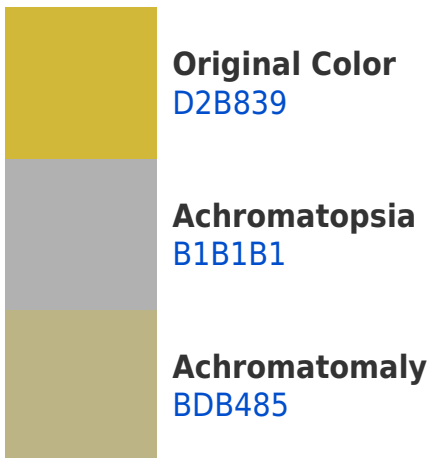
Protanopia
CFB939

Deuteranopia
E7AF3C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2B839 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 #D2B839 looks like.

```
.text, #text, p{  
    color:#D2B839  
}
```

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 #D2B839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B839
}
```

Border

The CSS property to change the border of an element to Hex D2B839 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
#D2B839 }
```

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

```
.border{ border-color:#D2B839 }
```

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

Here you see how a box with a 4 pixel #D2B839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B839; -webkit-box-shadow:4px 4px  
4px 4px #D2B839; box-shadow:4px 4px 4px  
4px #D2B839 }
```

Background

The CSS property to change the background color of an element to Hex D2B839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B839 }
```

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

```
.background{ background-color:#D2B839 }
```

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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