

Converting Colors

Hex(D9C82C)

Have a look what the booklet for
Hex(D9C82C) contains.

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Color

Hex(D9C82C)

Conversions

Conversions Part 1

Format	Color
Hex	D9C82C
RGB	217, 200, 44
RGB Percent	85%, 78%, 17%
CMY	0.1490, 0.2157, 0.8275
CMYK	0.00, 0.08, 0.80, 0.15
HSL	54°, 69%, 51%
HSV	54°, 80%, 85%
XYZ	49.7242, 56.2421, 10.6179
YIQ	187.2990, 60.2080, -44.9120

Conversions

Conversions Part 2

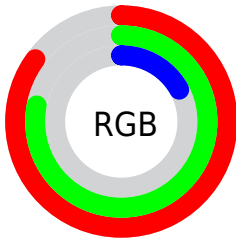
Format	Color
RYB	63, 217, 44
Decimal	14272556
CIELab	79.75, -9.84, 73.03
CIELCh	80, 73.691, 97.672
Yxy	56.2421, 0.4265, 0.4824
Android (android.graphics.Color)	4292462636 (0xFFD9C82C)
YUV	187.2990, -70.6464, 26.0478
Hunter-Lab	74.9947, -12.8890, 44.1019

Details

The Hex color **D9C82C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2C3DD9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF68**, and **9E9200** is the 20% darker color. If you saturate the color by 10%, you get **D9C616**, and if you desaturate by 10%, it is **D9CA42**.

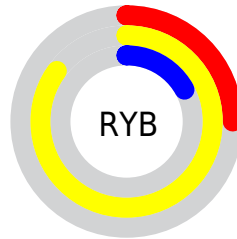
Distribution



Red (85%)

Green (78%)

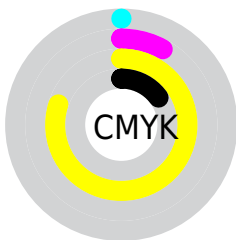
Blue (17%)



Red (25%)

Yellow (85%)

Blue (17%)

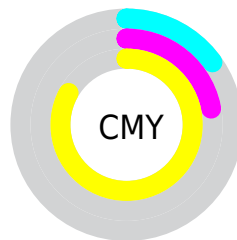


Cyan (0%)

Magenta (8%)

Yellow (80%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9C82C 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 D9C82C by changing the saturation by 10% instead.

 D9C82C

 D9C82C

FFFFFF

 BBAD00

 FFFF68

 9E9200

 FFFF84

 817900

 FFFFA1

 656000

 FFFFBD

 4A4900

 FFFFDA

 2F3300

 FFFFF8

 171E00

 000000

 D9C82C

 D9C82C

 D9C616

 D9CA42

 D9C401

 D9CC57

 D9C400

 D9CE6D

 D9D183

 D9D398

 D9D5AE

 D9D7C4

 D9D9DA

 D9DBEF

Harmonies

Analogous

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



FFAF41



D9C82C



90D951

Triad

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



D9C82C



00E4FF



FF8FFB

Complementary

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



D9C82C



2C3DD9

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.



E0ACFF



D9C82C



00DBFF

Square

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



D9C82C



00E7D6



4FC8FF



FF84B7

Rectangle

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



D9C82C



46E078



4FC8FF



FF98FF

Sweetspot

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



D9C82C



FFF9C2



D92C3D



807C5B



000000



808080

Same Dimension

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



D9C82C



FFE70A



94D92C



6E6D63



AD9C00



2E2900

Inverse Universe

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



2C3DD9



0A22FF



712CD9



63646E



0011AD



00052E

Previews

White Background



This preview shows how the Hex color D9C82C looks on a white background.

Color Contrast Check

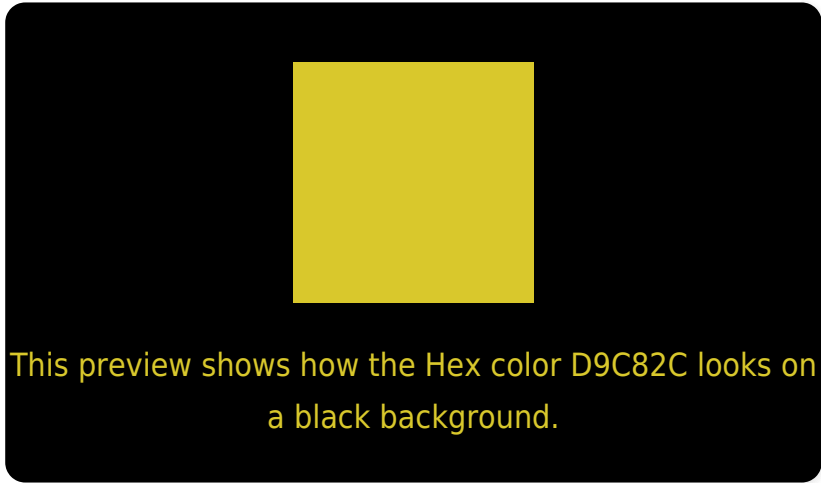
Large Text (above 18pt) WCAG AA × Fail

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 D9C82C Background



This preview shows how black text looks on a background with the Hex color D9C82C.



This preview shows how white text looks on a background with the Hex color D9C82C.

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
D9C82C

Protanopia
DEC62C

Deuteranopia
F8BC32



Tritanopia
E5BAC9

Trichromacy



Original Color
D9C82C

Protanomaly
DCC72C

Deuteranomaly
EDC030

Tritanomaly
E1BF90

Monochromacy



Original Color
D9C82C

Achromatopsia
BBBBBB

Achromatomaly
C6C087

CSS Examples

Text

The CSS property to change the color of the text to Hex D9C82C 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 #D9C82C looks like.

```
.text, #text, p{  
    color:#D9C82C  
}
```

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 #D9C82C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C82C
}
```

Border

The CSS property to change the border of an element to Hex D9C82C 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
#D9C82C }
```

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

```
.border{ border-color:#D9C82C }
```

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

Here you see how a box with a 4 pixel #D9C82C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C82C; -webkit-box-shadow:4px 4px  
4px 4px #D9C82C; box-shadow:4px 4px 4px  
4px #D9C82C }
```

Background

The CSS property to change the background color of an element to Hex D9C82C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C82C }
```

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

```
.background{ background-color:#D9C82C }
```

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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