

# Converting Colors

Hex(D9C81E)

Have a look what the booklet for  
Hex(D9C81E) contains.

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**Color**

**Hex(D9C81E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9C81E
RGB	217, 200, 30
RGB Percent	85%, 78%, 12%
CMY	0.1490, 0.2157, 0.8824
CMYK	0.00, 0.08, 0.86, 0.15
HSL	55°, 76%, 48%
HSV	55°, 86%, 85%
XYZ	49.5039, 56.1540, 9.4580
YIQ	185.7030, 64.7020, -49.2660

# Conversions

## Conversions Part 2

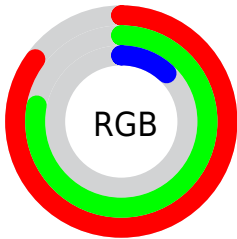
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 217, 30
Decimal	14272542
CIELab	79.70, -10.22, 76.43
CIELCh	80, 77.108, 97.615
Yxy	56.1540, 0.4300, 0.4878
Android (android.graphics.Color)	4292462622 (0xFFD9C81E)
YUV	185.7030, -76.7616, 27.4475
Hunter-Lab	74.9360, -13.2180, 44.9720

# Details

The Hex color **D9C81E** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1E2FD9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF5F**, and **9E9200** is the 20% darker color. If you saturate the color by 10%, you get **D9C608**, and if you desaturate by 10%, it is **D9CA34**.

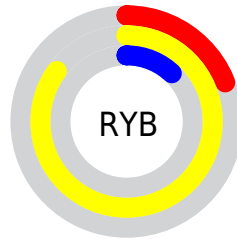
# Distribution



Red (85%)

Green (78%)

Blue (12%)



Red (19%)

Yellow (85%)

Blue (12%)

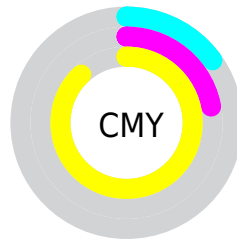


Cyan (0%)

Magenta (8%)

Yellow (86%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9C81E 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 D9C81E by changing the saturation by 10% instead.



 D9C81E

 D9C81E

FFFFFF

 BBAD00

 FFFF5F

 9E9200

 FFFF7C

 817900

 FFFF99

 656000

 FFFFB5

 494900

 FFFFD2

 2F3300

 FFFFF0

 161E00

 000000

 D9C81E

 D9C81E

 D9C608

 D9CA34

 D9C500

 D9CC49

 D9CE5F

 D9D075

 D9D28B

 D9D4A0

 D9D6B6

 D9D8CC

 D9DAE1

# Harmonies

## Analogous

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



FFAE39



D9C81E



8CDA4A

# Triad

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



D9C81E



00E6FF



FF8CFE

# Complementary

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



D9C81E



1E2FD9

# 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.



E0AAFF



D9C81E



00DCFF

# Square

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



D9C81E



00E8D6



3BC8FF



FF7FB6

# Rectangle

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



D9C81E



39E174



3BC8FF



FF95FF



# Sweetspot

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



D9C81E



FFF9BD



D91E31



807C58



000000



808080



# Same Dimension

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



D9C81E



FFE800



8ED91E



6E6D63



AD9E00



2E2A00



# Inverse Universe

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



1E2FD9



0017FF



691ED9



63646E



0010AD



00042E



# Previews

## White Background



This preview shows how the Hex color D9C81E 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



This preview shows how the Hex color D9C81E looks on a 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 D9C81E Background



This preview shows how black text looks on a background with the Hex color D9C81E.



This preview shows how white text looks on a background with the Hex color D9C81E.

# 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**  
D9C81E

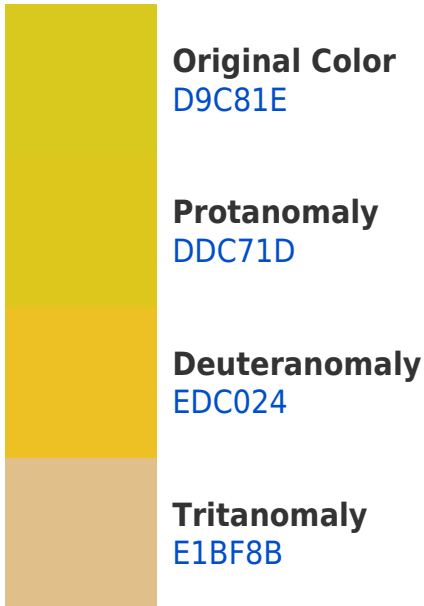
**Protanopia**  
DFC61D

**Deuteranopia**  
F9BB27



**Tritanopia**  
E5BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9C81E 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 #D9C81E looks like.

```
.text, #text, p{  
    color:#D9C81E  
}
```

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 #D9C81E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C81E
}
```

## Border

The CSS property to change the border of an element to Hex D9C81E 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
#D9C81E }
```

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

```
.border{ border-color:#D9C81E }
```

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

Here you see how a box with a 4 pixel #D9C81E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C81E; -webkit-box-shadow:4px 4px  
4px 4px #D9C81E; box-shadow:4px 4px 4px  
4px #D9C81E }
```

# Background

The CSS property to change the background color of an element to Hex D9C81E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C81E }
```

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

```
.background{ background-color:#D9C81E }
```

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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