

Converting Colors

Hex(D9C01E)

Have a look what the booklet for
Hex(D9C01E) contains.

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Color

Hex(D9C01E)

Conversions

Conversions Part 1

Format	Color
Hex	D9C01E
RGB	217, 192, 30
RGB Percent	85%, 75%, 12%
CMY	0.1490, 0.2471, 0.8824
CMYK	0.00, 0.12, 0.86, 0.15
HSL	52°, 76%, 48%
HSV	52°, 86%, 85%
XYZ	47.6993, 52.5447, 8.8564
YIQ	181.0070, 66.9020, -45.0820

Conversions

Conversions Part 2

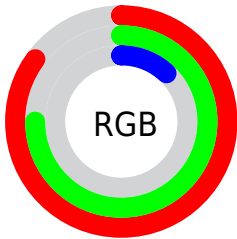
Format	Color
RYB	59, 217, 30
Decimal	14270494
CIELab	77.61, -6.13, 74.73
CIELCh	78, 74.984, 94.691
Yxy	52.5447, 0.4372, 0.4816
Android (android.graphics.Color)	4292460574 (0xFFD9C01E)
YUV	181.0070, -74.4465, 31.5659
Hunter-Lab	72.4877, -9.3948, 43.4975

Details

The Hex color **D9C01E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **1E37D9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF85E**, and **9E8B00** is the 20% darker color. If you saturate the color by 10%, you get **D9BD08**, and if you desaturate by 10%, it is **D9C334**.

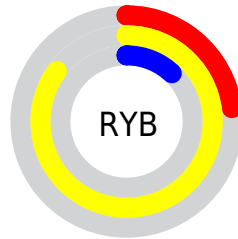
Distribution



Red (85%)

Green (75%)

Blue (12%)



Red (23%)

Yellow (85%)

Blue (12%)

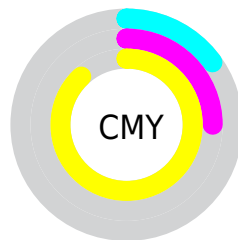


Cyan (0%)

Magenta (12%)

Yellow (86%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9C01E 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 D9C01E by changing the saturation by 10% instead.

 D9C01E

 D9C01E

FFFFFF

 BBA500

 FFF85E

 9E8B00

 FFFF7A

 817200

 FFFF97

 645A00

 FFFFB3

 494300

 FFFFD1

 2F2D00

 FFFFEE

 161900

 000000

 D9C01E

 D9C01E

 D9BD08

 D9C334

 D9BC00

 D9C649

 D9C95F

 D9CC75

 D9CF8B

 D9D1A0

 D9D4B6

 D9D7CC

 D9DAE1

Harmonies

Analogous

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



FFA63C



D9C01E



91D243

Triad

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



D9C01E



00DFFF



FF8AFD

Complementary

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



D9C01E



1E37D9

Split Complementary

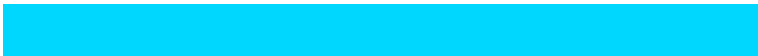
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D0A8FF



D9C01E



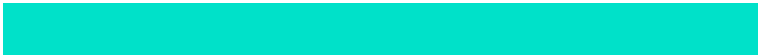
00D7FF

Square

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



D9C01E



00E1C9



00C4FF



FF7CB8

Rectangle

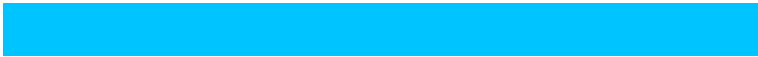
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9C01E



4ADA6B



00C4FF



FF94FF

Sweetspot

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



D9C01E



FFF6BD



D91E3A



807A58



000000



808080

Same Dimension

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



D9C01E



FFDD00



98D91E



6E6C63



AD9600



2E2800

Inverse Universe

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



1E37D9



0022FF



5F1ED9



63646E



0017AD



00062E

Previews

White Background



This preview shows how the Hex color D9C01E looks on a white background.

Color Contrast Check

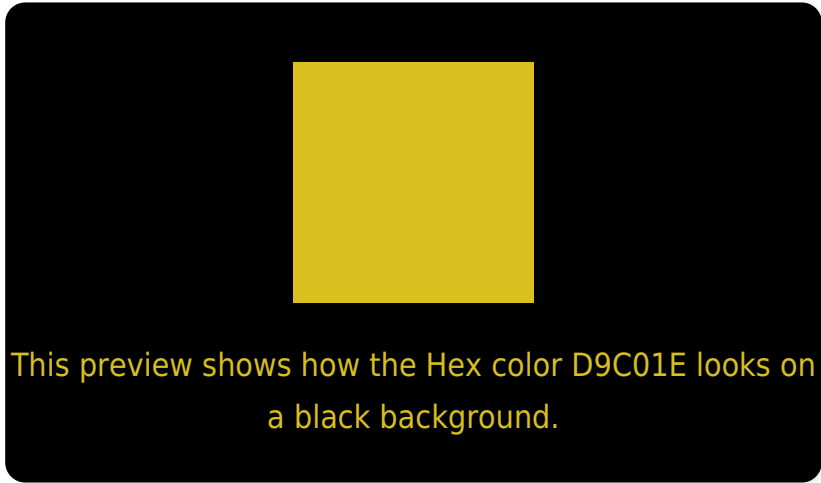
Large Text (above 18pt) WCAG AA × Fail

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 D9C01E Background



This preview shows how black text looks on a background with the Hex color D9C01E.



This preview shows how white text looks on a background with the Hex color D9C01E.

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
D9C01E

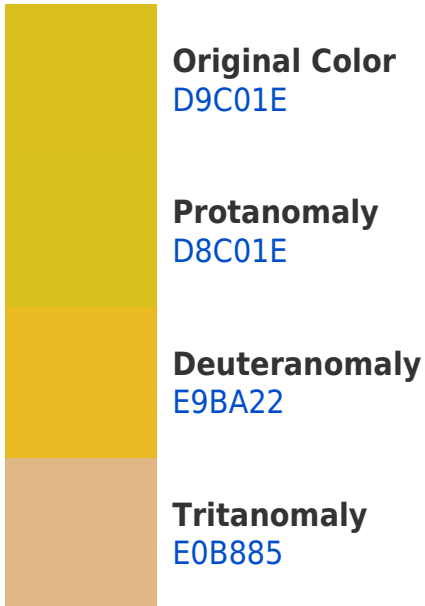
Protanopia
D8C01E

Deuteranopia
F2B625



Tritanopia
E4B3C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9C01E 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 #D9C01E looks like.

```
.text, #text, p{  
    color:#D9C01E  
}
```

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 #D9C01E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C01E
}
```

Border

The CSS property to change the border of an element to Hex D9C01E 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
#D9C01E }
```

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

```
.border{ border-color:#D9C01E }
```

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

Here you see how a box with a 4 pixel #D9C01E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C01E; -webkit-box-shadow:4px 4px  
4px 4px #D9C01E; box-shadow:4px 4px 4px  
4px #D9C01E }
```

Background

The CSS property to change the background color of an element to Hex D9C01E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C01E }
```

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

```
.background{ background-color:#D9C01E }
```

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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