

# Converting Colors

Hex(D9C71E)

Have a look what the booklet for  
Hex(D9C71E) contains.

<b>Hex(D9C71E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D9C71E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9C71E
RGB	217, 199, 30
RGB Percent	85%, 78%, 12%
CMY	0.1490, 0.2196, 0.8824
CMYK	0.00, 0.08, 0.86, 0.15
HSL	54°, 76%, 48%
HSV	54°, 86%, 85%
XYZ	49.2730, 55.6923, 9.3810
YIQ	185.1160, 64.9770, -48.7430

# Conversions

## Conversions Part 2

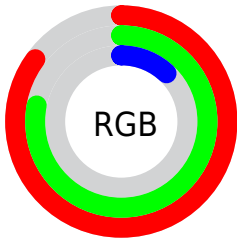
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 217, 30
Decimal	14272286
CIELab	79.44, -9.71, 76.22
CIELCh	79, 76.831, 97.261
Yxy	55.6923, 0.4309, 0.4870
Android (android.graphics.Color)	4292462366 (0xFFD9C71E)
YUV	185.1160, -76.4722, 27.9623
Hunter-Lab	74.6273, -12.7422, 44.7860

# Details

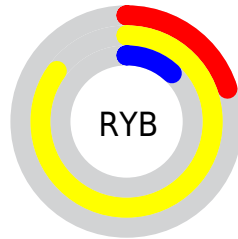
The Hex color **D9C71E** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1E30D9**, and the grayscale version is **BABABA**.

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 **D9C508**, and if you desaturate by 10%, it is **D9C934**.

# Distribution



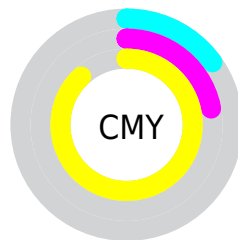
- Red (85%)
- Green (78%)
- Blue (12%)



- Red (20%)
- 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 D9C71E 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 D9C71E by changing the saturation by 10% instead.



 D9C71E

 D9C71E

FFFFFF

 BBAC00

 FFFF5F

 9E9200

 FFFF7C

 817800

 FFFF98

 656000

 FFFFB5

 494800

 FFFFD2

 2F3200

 FFFFF0

 161D00

 000000

 D9C71E

 D9C71E

 D9C508

 D9C934

 D9C400

 D9CB49

 D9CD5F

 D9CF75

 D9D18B

 D9D4A0

 D9D6B6

 D9D8CC

 D9DAE1

# Harmonies

## Analogous

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



FFAD39



D9C71E



8DD949

# Triad

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



D9C71E



00E5FF



FF8BFE

# Complementary

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



D9C71E



1E30D9

# 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.



DEAFF



D9C71E



00DBFF

# Square

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



D9C71E



00E7D5



36C7FF



FF7FB6

# Rectangle

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



D9C71E



3CE073



36C7FF



FF95FF



# Sweetspot

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



D9C71E



FFF9BD



D91E31



807C58



000000



808080



# Same Dimension

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



D9C71E



FFE600



8ED91E



6E6D63



AD9D00



2E2900



# Inverse Universe

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



1E30D9



0019FF



691ED9



63646E



0011AD



00042E



# Previews

## White Background



This preview shows how the Hex color D9C71E looks on a white background.

## Color Contrast Check

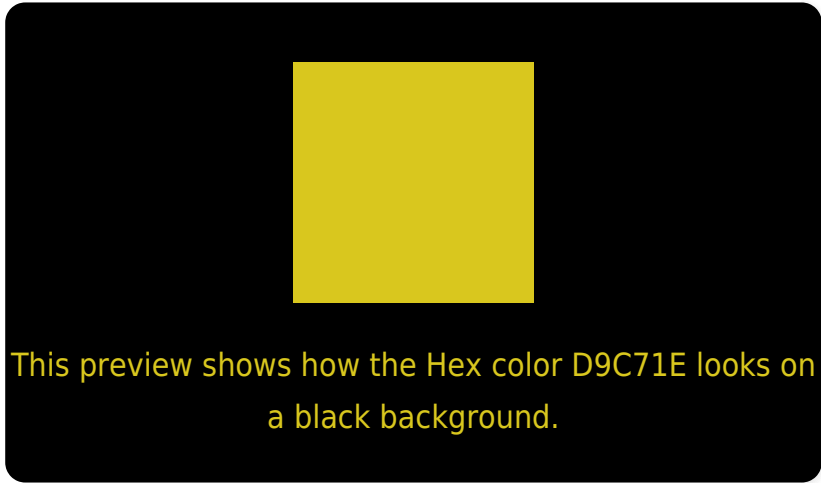
Large Text (above 18pt) WCAG AA × Fail

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 D9C71E Background



This preview shows how black text looks on a background with the Hex color D9C71E.



This preview shows how white text looks on a background with the Hex color D9C71E.

# 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**  
D9C71E

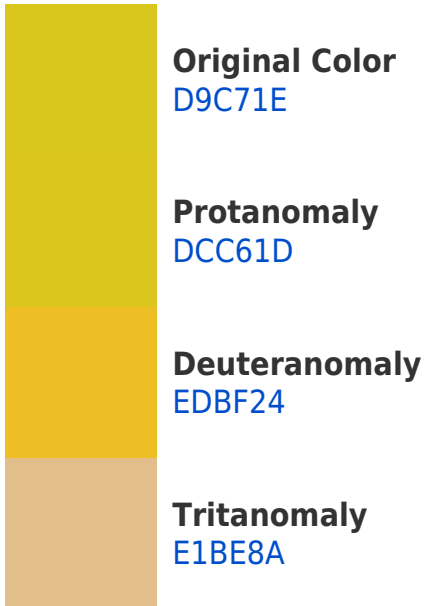
**Protanopia**  
DEC51D

**Deuteranopia**  
F8BB27



**Tritanopia**  
E5B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9C71E 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 #D9C71E looks like.

```
.text, #text, p{  
    color:#D9C71E  
}
```

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 #D9C71E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C71E
}
```

## Border

The CSS property to change the border of an element to Hex D9C71E 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
#D9C71E }
```

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

```
.border{ border-color:#D9C71E }
```

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

Here you see how a box with a 4 pixel #D9C71E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C71E; -webkit-box-shadow:4px 4px  
4px 4px #D9C71E; box-shadow:4px 4px 4px  
4px #D9C71E }
```

# Background

The CSS property to change the background color of an element to Hex D9C71E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C71E }
```

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

```
.background{ background-color:#D9C71E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor