

# Converting Colors

Hex(D8C219)

Have a look what the booklet for  
Hex(D8C219) contains.

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**Color**

**Hex(D8C219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8C219
RGB	216, 194, 25
RGB Percent	85%, 76%, 10%
CMY	0.1529, 0.2392, 0.9020
CMYK	0.00, 0.10, 0.88, 0.15
HSL	53°, 79%, 47%
HSV	53°, 88%, 85%
XYZ	47.7862, 53.2527, 8.6799
YIQ	181.3120, 67.3610, -47.8950

# Conversions

## Conversions Part 2

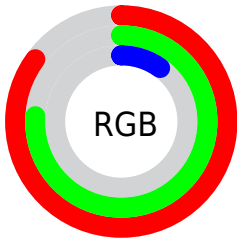
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 216, 25
Decimal	14205465
CIELab	78.02, -7.70, 76.03
CIElCh	78, 76.423, 95.779
Yxy	53.2527, 0.4355, 0.4854
Android (android.graphics.Color)	4292395545 (0xFFD8C219)
YUV	181.3120, -77.0618, 30.4214
Hunter-Lab	72.9744, -10.8174, 44.0299

# Details

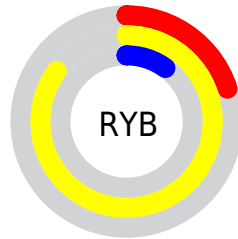
The Hex color **D8C219** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **192FD8**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFA5C**, and **9D8D00** is the 20% darker color. If you saturate the color by 10%, you get **D8C003**, and if you desaturate by 10%, it is **D8C42F**.

# Distribution



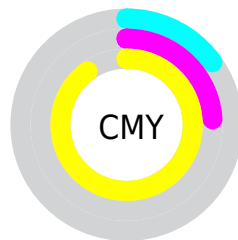
- Red (85%)
- Green (76%)
- Blue (10%)



- Red (20%)
- Yellow (85%)
- Blue (10%)



- Cyan (0%)
- Magenta (10%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8C219 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 D8C219 by changing the saturation by 10% instead.



 D8C219

 D8C219

FFFFFF

 BAA700

 FFFA5C

 9D8D00

 FFFF78

 807400

 FFFF95

 635B00


 FFFFB2

 484400

 FFFFCE

 2E2E00

 FFFFEC

 151A00

 000000

 D8C219

 D8C219

 D8C003

 D8C42F

 D8BF00

 D8C744

 D8C95A

 D8CC6F

 D8CE85

 D8D19B

 D8D3B0

 D8D6C6

 D8D8DB

# Harmonies

## Analogous

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



FFA838



D8C219



8ED443

# Triad

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



D8C219



00E1FF



FF89FD

# Complementary

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



D8C219



192FD8

# 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.



D5A8FF



D8C219



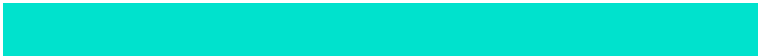
00D8FF

# Square

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



D8C219



00E2CD



01C5FF



FF7BB6

# Rectangle

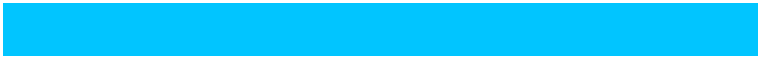
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8C219



41DC6D



01C5FF



FF93FF



# Sweetspot

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



D8C219



FFF7BA



D8192F



807B57



000000



808080



# Same Dimension

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



D8C219



FFE200



8FD819



6B6A60



AB9700



2B2600



# Inverse Universe

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



192FD8



001DFF



6219D8



60626B



0014AB



00052B



# Previews

## White Background



This preview shows how the Hex color D8C219 looks on a white background.

## Color Contrast Check

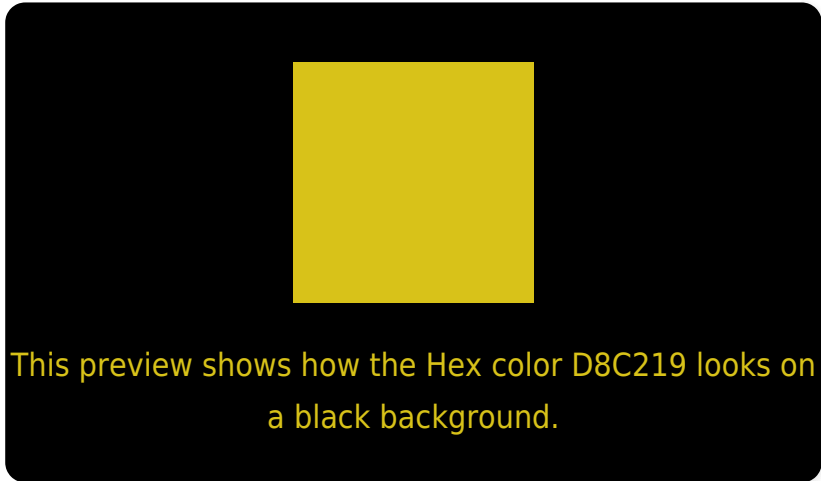
Large Text (above 18pt) WCAG AA × Fail

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 D8C219 Background



This preview shows how black text looks on a background with the Hex color D8C219.



This preview shows how white text looks on a background with the Hex color D8C219.

# 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**  
D8C219

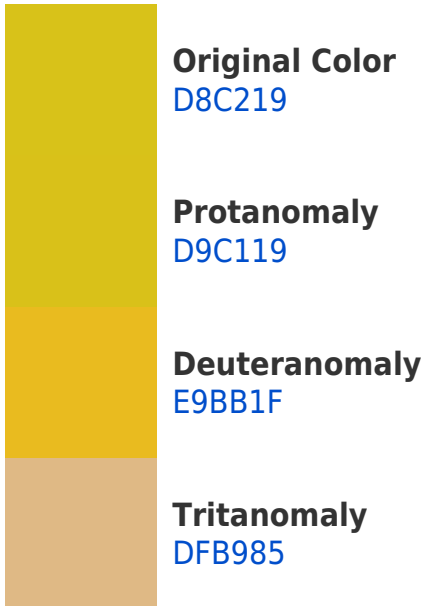
**Protanopia**  
DAC119

**Deuteranopia**  
F3B722

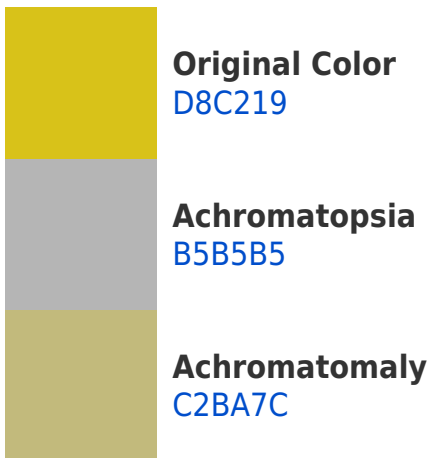


**Tritanopia**  
E3B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8C219 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 #D8C219 looks like.

```
.text, #text, p{  
    color:#D8C219  
}
```

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 #D8C219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8C219
}
```

## Border

The CSS property to change the border of an element to Hex D8C219 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
#D8C219 }
```

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

```
.border{ border-color:#D8C219 }
```

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

Here you see how a box with a 4 pixel #D8C219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8C219; -webkit-box-shadow:4px 4px  
4px 4px #D8C219; box-shadow:4px 4px 4px  
4px #D8C219 }
```

# Background

The CSS property to change the background color of an element to Hex D8C219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8C219 }
```

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

```
.background{ background-color:#D8C219 }
```

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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