

# Converting Colors

Hex(D0D217)

Have a look what the booklet for  
Hex(D0D217) contains.

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**Color**

**Hex(D0D217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D217
RGB	208, 210, 23
RGB Percent	82%, 82%, 9%
CMY	0.1843, 0.1765, 0.9098
CMYK	0.01, 0.00, 0.89, 0.18
HSL	61°, 80%, 46%
HSV	61°, 89%, 82%
XYZ	49.2137, 59.5649, 9.7140
YIQ	188.0840, 58.8350, -58.5810

# Conversions

## Conversions Part 2

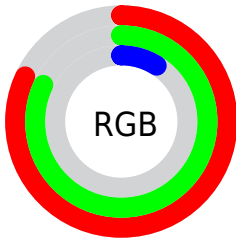
Format	Color
<a href="#">RYB</a>	<a href="#">23, 210, 25</a>
Decimal	<a href="#">13685271</a>
CIELab	<a href="#">81.60, -19.19, 78.91</a>
CIELCh	<a href="#">82, 81.212, 103.671</a>
Yxy	<a href="#">59.5649, 0.4153, 0.5027</a>
Android (android.graphics.Color)	<a href="#">4291875351</a> ( <a href="#">0xFFD0D217</a> )
YUV	<a href="#">188.0840, -81.3864, 17.4663</a>
Hunter-Lab	<a href="#">77.1783, -21.2394, 46.5624</a>

# Details

The Hex color **D0D217** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1917D2**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF5D**, and **959C00** is the 20% darker color. If you saturate the color by 10%, you get **D0D202**, and if you desaturate by 10%, it is **D0D22C**.

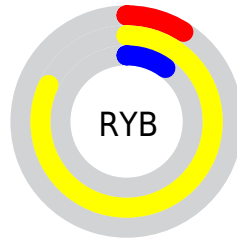
# Distribution



Red (82%)

Green (82%)

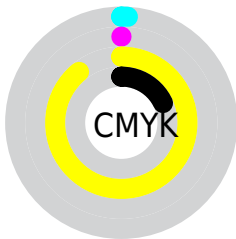
Blue (9%)



Red (9%)

Yellow (82%)

Blue (10%)

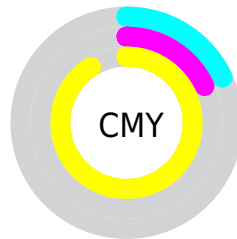


Cyan (1%)

Magenta (0%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D217 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 D0D217 by changing the saturation by 10% instead.



 D0D217

 D0D217

FFFFFF

 B2B700

 FFFF5D

 959C00


 FFFF7A

 788200

 FFFF97

 5C6900

 FFFFB4

 415100

 FFFFD2

 263A00

 FFFFEE

 0C2400

 000B00

 000000

 D0D217

 D0D217

 D0D202

 D0D22C

 D0D200

 D0D241

 D1D256

 D1D26B

 D1D280

 D1D295

 D2D2AA

 D2D2BF

 D2D2D4

# Harmonies

## Analogous

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



FFB828



D0D217



79E354

# Triad

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



D0D217



00EBFF



FF87F8

# Complementary

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



D0D217



1917D2

# 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.



FBA7FF



D0D217



00DFFF

# Square

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



D0D217



00EFED



6EC8FF



FF80AB

# Rectangle

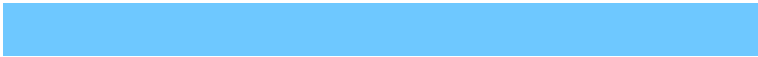
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0D217



00EA84



6EC8FF



FF90FF



# Sweetspot

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



D0D217



FEFFBA



D21717



7F8057



000000



808080



# Same Dimension

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



D0D217



FCFF00



75D217



68695E



A7A800



282900



# Inverse Universe

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



1917D2



0300FF



7517D2



5E5E69



0200A8



000029



# Previews

## White Background



This preview shows how the Hex color D0D217 looks on a white background.

## Color Contrast Check

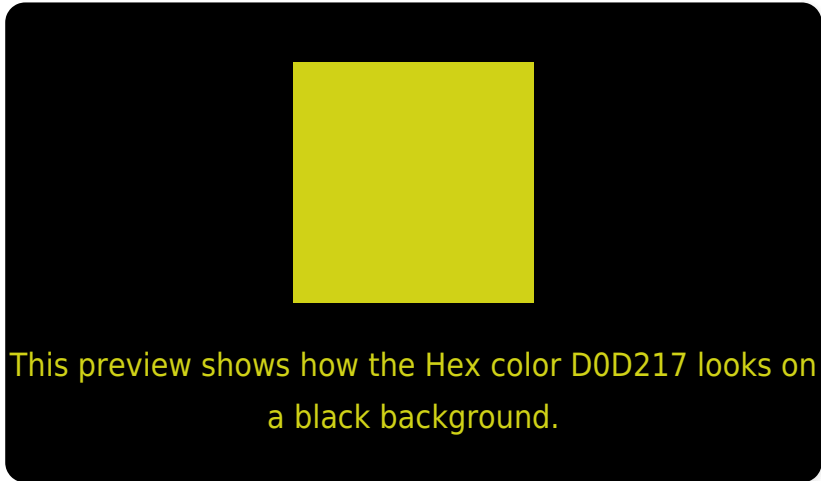
Large Text (above 18pt) WCAG AA × Fail

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 D0D217 Background



This preview shows how black text looks on a background with the Hex color D0D217.

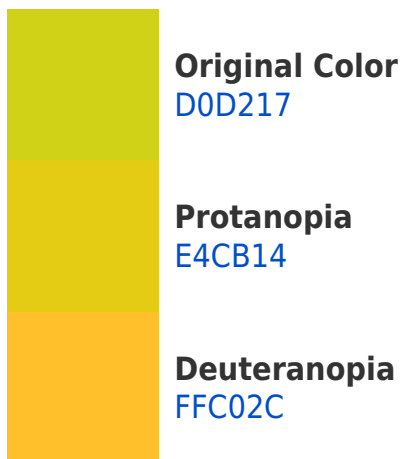


This preview shows how white text looks on a background with the Hex color D0D217.

# 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](#).

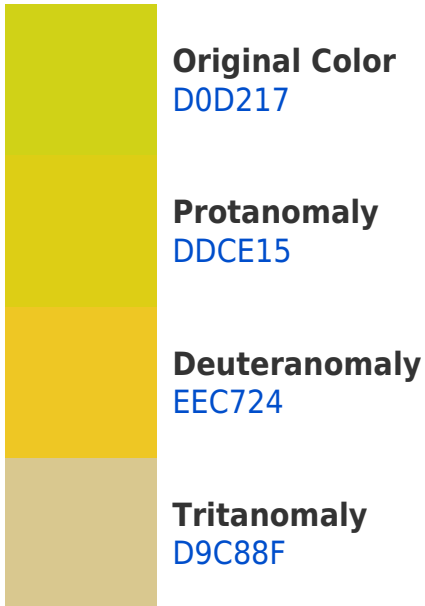
## Dichromacy



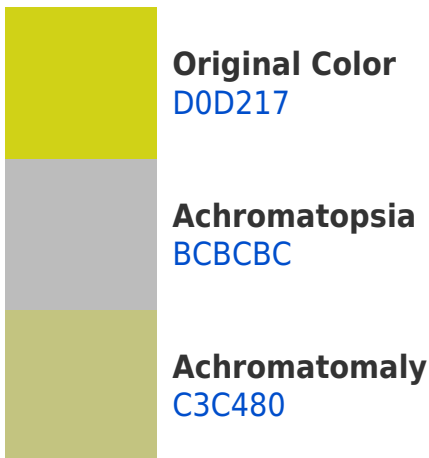


**Tritanopia**  
DEC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D217 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 #D0D217 looks like.

```
.text, #text, p{  
    color:#D0D217  
}
```

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 #D0D217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D217
}
```

## Border

The CSS property to change the border of an element to Hex D0D217 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
#D0D217 }
```

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

```
.border{ border-color:#D0D217 }
```

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

Here you see how a box with a 4 pixel #D0D217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D217; -webkit-box-shadow:4px 4px  
4px 4px #D0D217; box-shadow:4px 4px 4px  
4px #D0D217 }
```

# Background

The CSS property to change the background color of an element to Hex D0D217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D217 }
```

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

```
.background{ background-color:#D0D217 }
```

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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