

Converting Colors

Hex(D4C217)

Have a look what the booklet for
Hex(D4C217) contains.

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Color

Hex(D4C217)

Conversions

Conversions Part 1

Format	Color
Hex	D4C217
RGB	212, 194, 23
RGB Percent	83%, 76%, 9%
CMY	0.1686, 0.2392, 0.9098
CMYK	0.00, 0.08, 0.89, 0.17
HSL	54°, 80%, 46%
HSV	54°, 89%, 83%
XYZ	46.5978, 52.6425, 8.5157
YIQ	179.8880, 65.6190, -49.3650

Conversions

Conversions Part 2

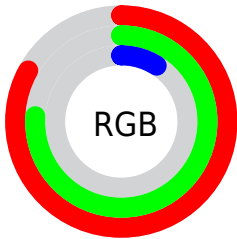
Format	Color
RYB	43, 212, 23
Decimal	13943319
CIELab	77.66, -9.47, 75.96
CIELCh	78, 76.547, 97.103
Yxy	52.6425, 0.4324, 0.4885
Android (android.graphics.Color)	4292133399 (0xFFD4C217)
YUV	179.8880, -77.3458, 28.1622
Hunter-Lab	72.5551, -12.3316, 43.8298

Details

The Hex color **D4C217** 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 **1729D4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFA5B**, and **998D00** is the 20% darker color. If you saturate the color by 10%, you get **D4C002**, and if you desaturate by 10%, it is **D4C42C**.

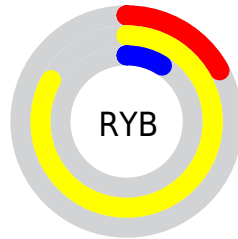
Distribution



Red (83%)

Green (76%)

Blue (9%)



Red (17%)

Yellow (83%)

Blue (9%)

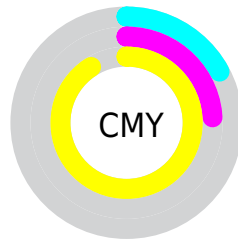


Cyan (0%)

Magenta (8%)

Yellow (89%)

Black (17%)



Cyan (17%)

Magenta (24%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4C217 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 D4C217 by changing the saturation by 10% instead.

 D4C217

 D4C217

FFFFFF

 B6A700

 FFFA5B

 998D00

 FFFF77

 7C7400

 FFFF94

 605B00


 FFFFB1

 454400

 FFFFCE

 2B2E00

 FFFFEB

 111A00

 000000

 D4C217

 D4C217

 D4C002

 D4C42C

 D4C000

 D4C641

 D4C857

 D4CA6C

 D4CC81

 D4CE96

 D4D0AB

 D4D2C1

 D4D4D6

Harmonies

Analogous

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



FFA835



D4C217



89D444

Triad

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



D4C217



00DFFF



FF87F9

Complementary

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



D4C217



1729D4

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.



D8A6FF



D4C217



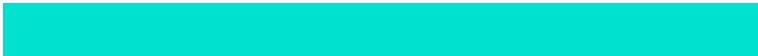
00D6FF

Square

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



D4C217



00E1CF



27C3FF



FF7AB2

Rectangle

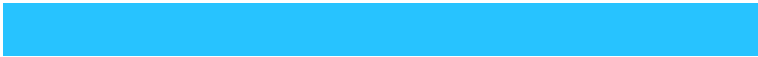
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4C217



37DB6E



27C3FF



FF90FF

Sweetspot

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



D4C217



FFF8BA



D4172A



807C57



000000



808080

Same Dimension

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



D4C217



FFE700



88D417



6B6A60



AB9B00



2B2700

Inverse Universe

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



1729D4



0018FF



6317D4



60616B



0010AB



00042B

Previews

White Background



This preview shows how the Hex color D4C217 looks on a white background.

Color Contrast Check

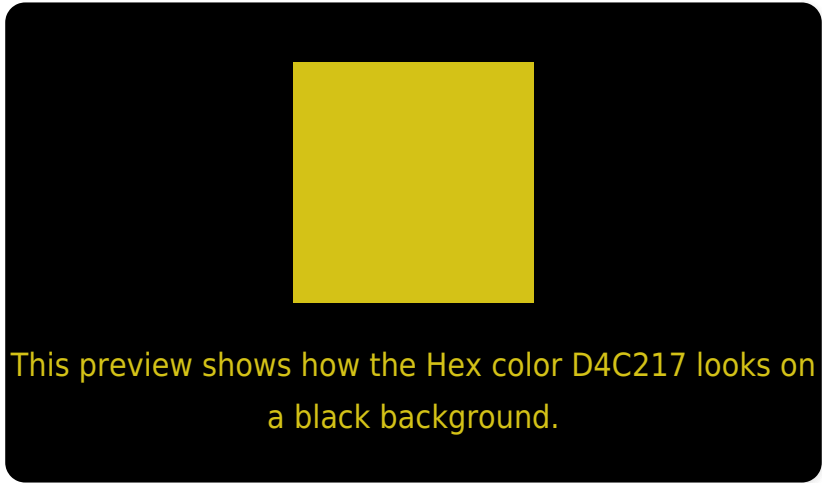
Large Text (above 18pt) WCAG AA × Fail

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 D4C217 Background



This preview shows how black text looks on a background with the Hex color D4C217.



This preview shows how white text looks on a background with the Hex color D4C217.

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
D4C217

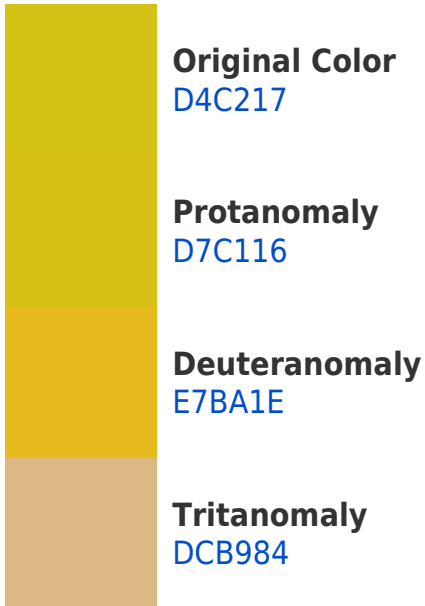
Protanopia
D8C016

Deuteranopia
F2B622



Tritanopia
E0B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4C217 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 #D4C217 looks like.

```
.text, #text, p{  
    color:#D4C217  
}
```

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 #D4C217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4C217
}
```

Border

The CSS property to change the border of an element to Hex D4C217 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
#D4C217 }
```

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

```
.border{ border-color:#D4C217 }
```

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

Here you see how a box with a 4 pixel #D4C217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4C217; -webkit-box-shadow:4px 4px  
4px 4px #D4C217; box-shadow:4px 4px 4px  
4px #D4C217 }
```

Background

The CSS property to change the background color of an element to Hex D4C217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4C217 }
```

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

```
.background{ background-color:#D4C217 }
```

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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