

# Converting Colors

Hex(D4C700)

Have a look what the booklet for  
Hex(D4C700) contains.

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**Color**

**Hex(D4C700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4C700
RGB	212, 199, 0
RGB Percent	83%, 78%, 0%
CMY	0.1686, 0.2196, 1.0000
CMYK	0.00, 0.06, 1.00, 0.17
HSL	56°, 100%, 42%
HSV	56°, 100%, 83%
XYZ	47.5748, 54.8439, 8.0785
YIQ	180.2010, 71.6270, -59.1330

# Conversions

## Conversions Part 2

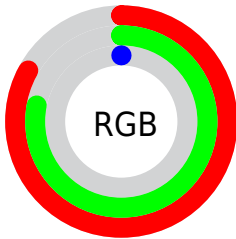
Format	Color
R <sub>Y</sub> B	14, 212, 0
Decimal	13944576
CIE Lab	78.95, -12.28, 79.67
CIE LCh	79, 80.610, 98.762
Yxy	54.8439, 0.4306, 0.4963
Android (android.graphics.Color)	4292134656 (0xFFD4C700)
YUV	180.2010, -88.8391, 27.8877
Hunter-Lab	74.0567, -14.9288, 45.3720

# Details

The Hex color **D4C700** 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 **000DD4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFF54**, and **999200** is the 20% darker color. If you saturate the color by 10%, you get **D4C700**, and if you desaturate by 10%, it is **D4C815**.

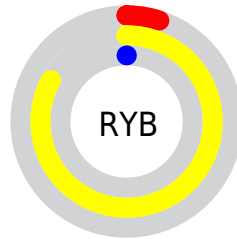
# Distribution



Red (83%)

Green (78%)

Blue (0%)



Red (5%)

Yellow (83%)

Blue (0%)

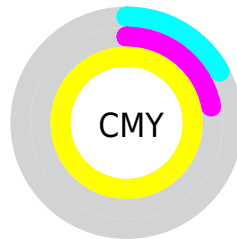


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4C700 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 D4C700 by changing the saturation by 10% instead.



 D4C700

 D4C700

FFFFFF

 B6AC00

 FFFF54

 999200

 FFFF72

 7C7800

 FFFF8E

 5F6000


 FFFFAB

 444800

 FFFFC9

 2A3200

 FFFF E6

 111D00

 000000

 D4C700

 D4C815

 D4CA2A

 D4CB40

 D4CC55

 D4CE6A

 D4CF7F

 D4D094

 D4D1AA

 D4D3BF

# Harmonies

## Analogous

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



FFAC2B



D4C700



83D942

# Triad

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



D4C700



00E4FF



FF84FB

# Complementary

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



D4C700



000DD4

# 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.



E2A5FF



D4C700



00DAFF

# Square

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



D4C700



00E7D8



2BC5FF



FF78B1

# Rectangle

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



D4C700



11E071



2BC5FF



FF8EFF



# Sweetspot

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



D4C700



FFFAB3



D4000E



807D52



000000



808080



# Same Dimension

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



D4C700



FFEF00



78D400



6B6A60



ABA000



2B2900



# Inverse Universe

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



000DD4



0010FF



5C00D4



60616B



000AAB

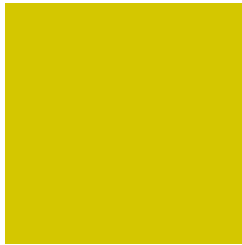


00032B



# Previews

## White Background



This preview shows how the Hex color D4C700 looks on a white background.

## Color Contrast Check

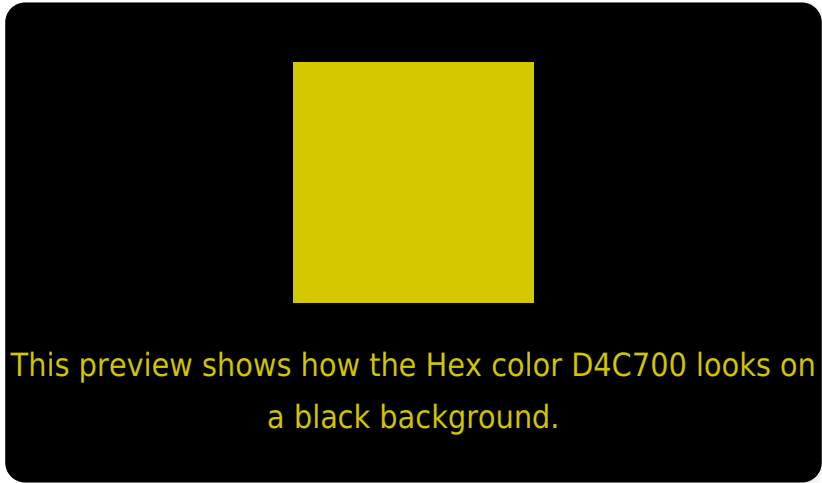
Large Text (above 18pt) WCAG AA × Fail

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 D4C700 Background



This preview shows how black text looks on a background with the Hex color D4C700.

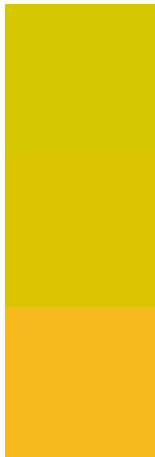


This preview shows how white text looks on a background with the Hex color D4C700.

# 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**  
D4C700

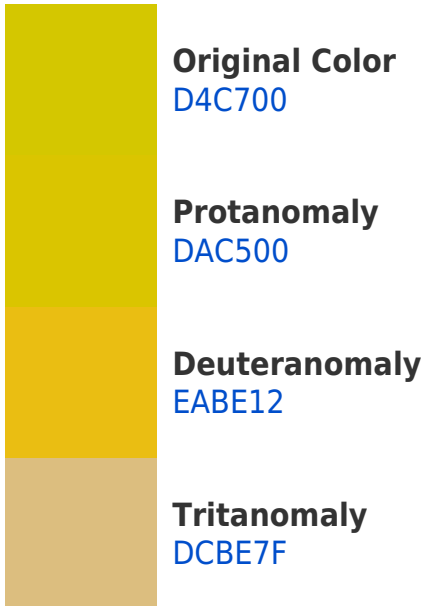
**Protanopia**  
DDC400

**Deuteranopia**  
F7B91C



**Tritanopia**  
E0B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4C700 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 #D4C700 looks like.

```
.text, #text, p{  
    color:#D4C700  
}
```

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 #D4C700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4C700
}
```

## Border

The CSS property to change the border of an element to Hex D4C700 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
#D4C700 }
```

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

```
.border{ border-color:#D4C700 }
```

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

Here you see how a box with a 4 pixel #D4C700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4C700; -webkit-box-shadow:4px 4px  
4px 4px #D4C700; box-shadow:4px 4px 4px  
4px #D4C700 }
```

# Background

The CSS property to change the background color of an element to Hex D4C700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4C700 }
```

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

```
.background{ background-color:#D4C700 }
```

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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