

# Converting Colors

Hex(D7C407)

Have a look what the booklet for  
Hex(D7C407) contains.

<b>Hex(D7C407)</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(D7C407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C407
RGB	215, 196, 7
RGB Percent	84%, 77%, 3%
CMY	0.1569, 0.2314, 0.9725
CMYK	0.00, 0.09, 0.97, 0.16
HSL	55°, 94%, 44%
HSV	55°, 97%, 84%
XYZ	47.8026, 53.9423, 8.0934
YIQ	180.1350, 71.9930, -54.7510

# Conversions

## Conversions Part 2

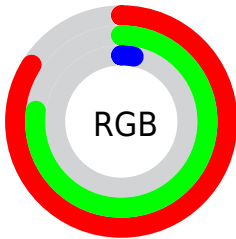
Format	Color
R <sub>Y</sub> B	28, 215, 7
Decimal	14140423
CIE Lab	78.43, -9.39, 78.72
CIE LCh	78, 79.273, 96.804
Yxy	53.9423, 0.4352, 0.4911
Android (android.graphics.Color)	4292330503 (0xFFD7C407)
YUV	180.1350, -85.3556, 30.5766
Hunter-Lab	73.4454, -12.3511, 44.8782

# Details

The Hex color **D7C407** 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 **071AD7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFC56**, and **9B8F00** is the 20% darker color. If you saturate the color by 10%, you get **D7C300**, and if you desaturate by 10%, it is **D7C61C**.

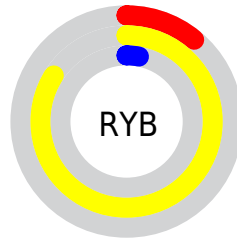
# Distribution



Red (84%)

Green (77%)

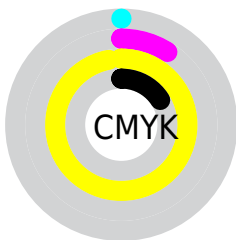
Blue (3%)



Red (11%)

Yellow (84%)

Blue (3%)

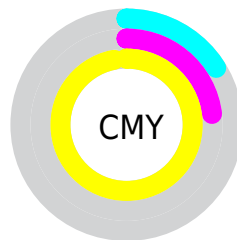


Cyan (0%)

Magenta (9%)

Yellow (97%)

Black (16%)



Cyan (16%)

Magenta (23%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7C407 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 D7C407 by changing the saturation by 10% instead.



 D7C407

 D7C407

FFFFFF

 B9A900

 FFFC56

 9B8F00

 FFFF73

 7F7500

 FFFF90

 625D00

 FFFFAC

 474600

 FFFFC9

 2D3000

 FFFFEE

 141B00

 000000

 D7C407

 D7C407

 D7C300

 D7C61C

 D7C832

 D7CA47

 D7CC5D

 D7CE73

 D7D088

 D7D29E

 D7D4B3

 D7D6C9

# Harmonies

## Analogous

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



FFA931



D7C407



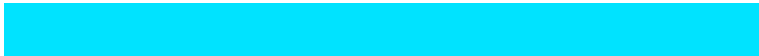
89D640

# Triad

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



D7C407



00E3FF



FF86FE

# Complementary

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



D7C407



071AD7

# 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.



DAA7FF



D7C407



00D9FF

# Square

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



D7C407



00E5D1



00C5FF



FF78B4

# Rectangle

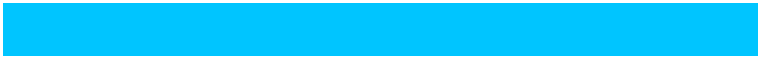
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7C407



30DE6D



00C5FF



FF90FF



# Sweetspot

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



D7C407



FFF8B5



D7071C



807B53



000000



808080



# Same Dimension

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



D7C407



FFE800



84D707



6B6A60



AB9B00



2B2700



# Inverse Universe

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



071AD7



0017FF



5A07D7



60616B



0010AB

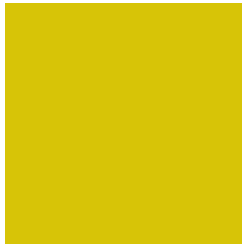


00042B



# Previews

## White Background



This preview shows how the Hex color D7C407 looks on a white background.

## Color Contrast Check

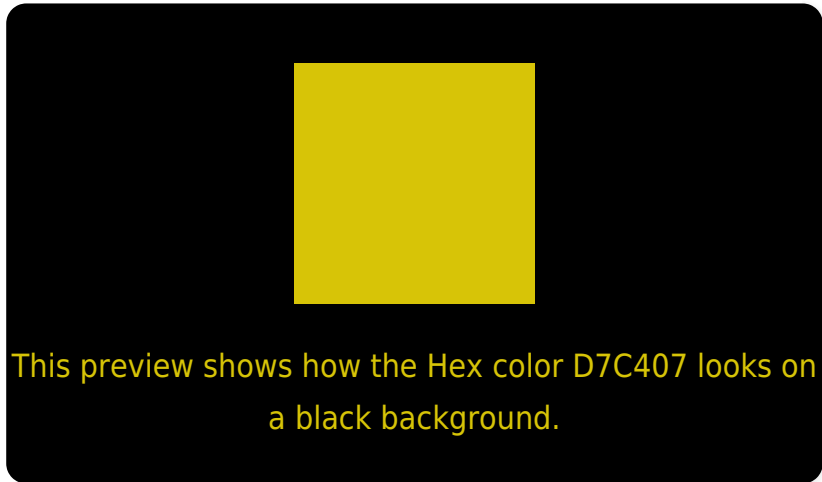
Large Text (above 18pt) WCAG AA × Fail

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 D7C407 Background



This preview shows how black text looks on a background with the Hex color D7C407.

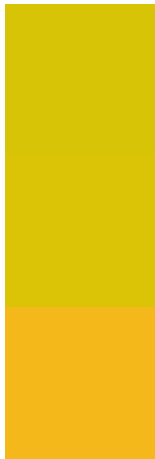


This preview shows how white text looks on a background with the Hex color D7C407.

# 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**  
D7C407

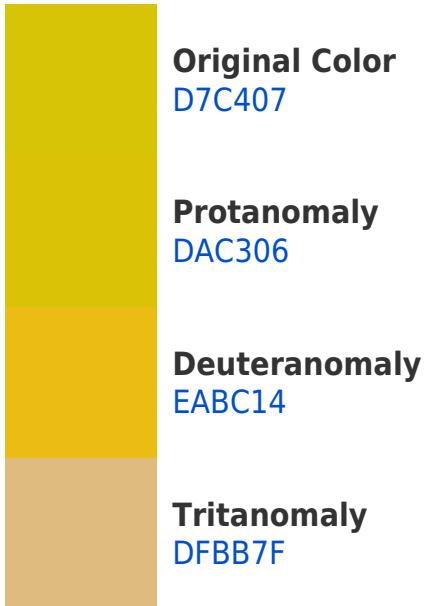
**Protanopia**  
DBC305

**Deuteranopia**  
F5B81B



**Tritanopia**  
E3B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7C407 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 #D7C407 looks like.

```
.text, #text, p{  
    color:#D7C407  
}
```

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 #D7C407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C407
}
```

## Border

The CSS property to change the border of an element to Hex D7C407 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
#D7C407 }
```

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

```
.border{ border-color:#D7C407 }
```

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

Here you see how a box with a 4 pixel #D7C407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C407; -webkit-box-shadow:4px 4px  
4px 4px #D7C407; box-shadow:4px 4px 4px  
4px #D7C407 }
```

# Background

The CSS property to change the background color of an element to Hex D7C407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C407 }
```

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

```
.background{ background-color:#D7C407 }
```

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