

# Converting Colors

Hex(D6C70B)

Have a look what the booklet for  
Hex(D6C70B) contains.

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**Color**

**Hex(D6C70B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6C70B
RGB	214, 199, 11
RGB Percent	84%, 78%, 4%
CMY	0.1608, 0.2196, 0.9569
CMYK	0.00, 0.07, 0.95, 0.16
HSL	56°, 90%, 44%
HSV	56°, 95%, 84%
XYZ	48.2154, 55.1672, 8.4237
YIQ	182.0530, 69.2880, -55.2880

# Conversions

## Conversions Part 2

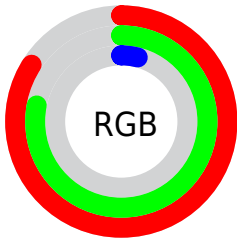
Format	Color
<a href="#">RYB</a>	<a href="#">27, 214, 11</a>
Decimal	<a href="#">14075659</a>
CIELab	<a href="#">79.14, -11.31, 78.81</a>
CIELCh	<a href="#">79, 79.617, 98.166</a>
Yxy	<a href="#">55.1672, 0.4312, 0.4934</a>
Android (android.graphics.Color)	<a href="#">4292265739</a> ( <a href="#">0xFFD6C70B</a> )
YUV	<a href="#">182.0530, -84.3291, 28.0175</a>
Hunter-Lab	<a href="#">74.2746, -14.1072, 45.2680</a>

# Details

The Hex color **D6C70B** 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 **0B1AD6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFFF57**, and **9B9200** is the 20% darker color. If you saturate the color by 10%, you get **D6C600**, and if you desaturate by 10%, it is **D6C920**.

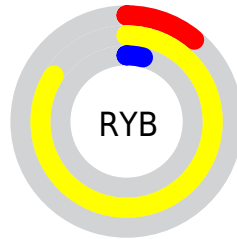
# Distribution



Red (84%)

Green (78%)

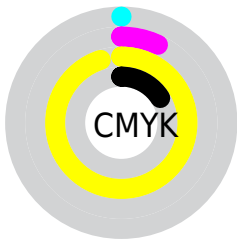
Blue (4%)



Red (11%)

Yellow (84%)

Blue (4%)

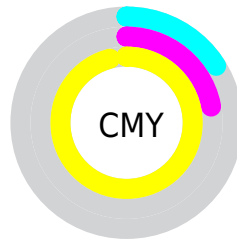


Cyan (0%)

Magenta (7%)

Yellow (95%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6C70B 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 D6C70B by changing the saturation by 10% instead.



 D6C70B

 D6C70B

FFFFFF

 B8AC00

 FFFF57

 9B9200

 FFFF74

 7E7800

 FFFF91

 616000

 FFFFAE

 464800

 FFFFCB

 2C3200

 FFFF E9

 131D00

 000000

 D6C70B

 D6C70B

 D6C600

 D6C920

 D6CA36

 D6CC4B

 D6CD61

 D6CF76

 D6D08B

 D6D2A1

 D6D4B6

 D6D5CC

# Harmonies

## Analogous

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



FFAC2F



D6C70B



86D944

# Triad

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



D6C70B



00E5FF



FF87FD

# Complementary

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



D6C70B



0B1AD6

# 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.



E1A7FF



D6C70B



00DBFF

# Square

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



D6C70B



00E7D7



2BC6FF



FF7AB3

# Rectangle

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



D6C70B



25E171



2BC6FF



FF91FF



# Sweetspot

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



D6C70B



FFFAB8



D60B1C



807C54



000000



808080



# Same Dimension

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



D6C70B



FFEC00



81D60B



6B6A60



AB9E00



2B2800



# Inverse Universe

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



0B1AD6



0013FF



600BD6



60616B



000DAB

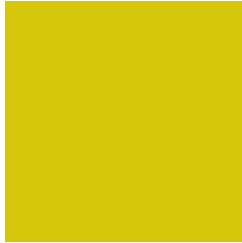


00032B



# Previews

## White Background



This preview shows how the Hex color D6C70B looks on a white background.

## Color Contrast Check

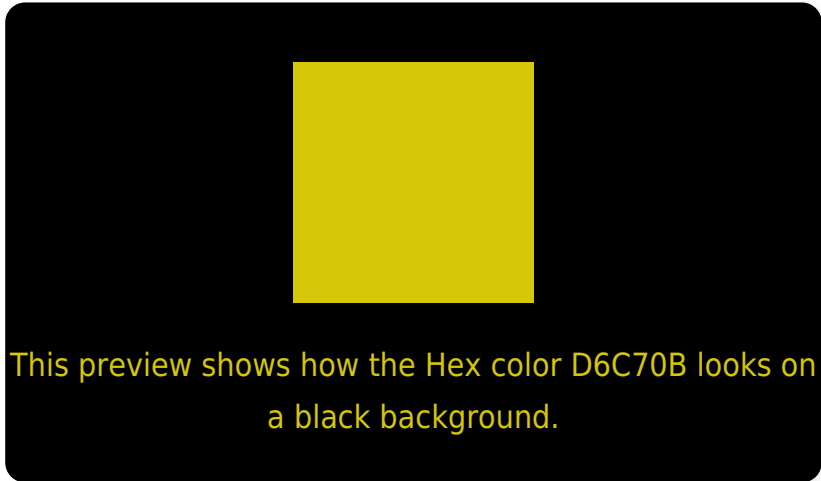
Large Text (above 18pt) WCAG AA × Fail

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 D6C70B Background



This preview shows how black text looks on a background with the Hex color D6C70B.



This preview shows how white text looks on a background with the Hex color D6C70B.

# 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](#).

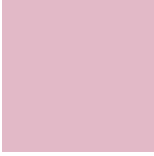
## Dichromacy



**Original Color**  
D6C70B

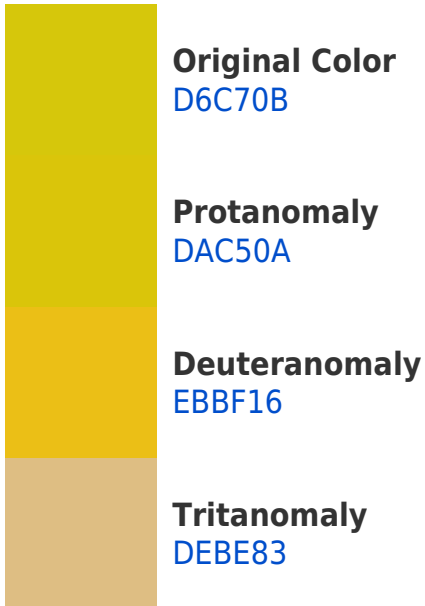
**Protanopia**  
DDC409

**Deuteranopia**  
F7BA1D



**Tritanopia**  
E2B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6C70B 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 #D6C70B looks like.

```
.text, #text, p{  
    color:#D6C70B  
}
```

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 #D6C70B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6C70B
}
```

## Border

The CSS property to change the border of an element to Hex D6C70B 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
#D6C70B }
```

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

```
.border{ border-color:#D6C70B }
```

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

Here you see how a box with a 4 pixel #D6C70B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6C70B; -webkit-box-shadow:4px 4px  
4px 4px #D6C70B; box-shadow:4px 4px 4px  
4px #D6C70B }
```

# Background

The CSS property to change the background color of an element to Hex D6C70B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6C70B }
```

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

```
.background{ background-color:#D6C70B }
```

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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