

# Converting Colors

Hex(D6D61C)

Have a look what the booklet for  
Hex(D6D61C) contains.

<b>Hex(D6D61C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D6D61C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D61C
RGB	214, 214, 28
RGB Percent	84%, 84%, 11%
CMY	0.1608, 0.1608, 0.8902
CMYK	0.00, 0.00, 0.87, 0.16
HSL	60°, 77%, 47%
HSV	60°, 87%, 84%
XYZ	51.9877, 62.4731, 10.4171
YIQ	192.7960, 59.7060, -57.8460

# Conversions

## Conversions Part 2

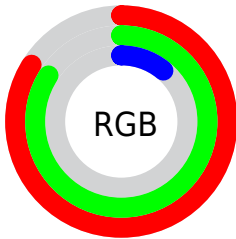
Format	Color
R <sub>Y</sub> B	28, 214, 28
Decimal	14079516
CIE Lab	83.16, -18.53, 79.50
CIE LCh	83, 81.630, 103.118
Yxy	62.4731, 0.4163, 0.5003
Android (android.graphics.Color)	4292269596 (0xFFD6D61C)
YUV	192.7960, -81.2444, 18.5959
Hunter-Lab	79.0399, -20.9133, 47.5138

# Details

The Hex color **D6D61C** 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 **1C1CD6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF60**, and **9BA000** is the 20% darker color. If you saturate the color by 10%, you get **D6D607**, and if you desaturate by 10%, it is **D6D631**.

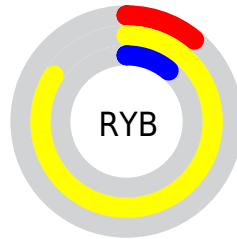
# Distribution



Red (84%)

Green (84%)

Blue (11%)



Red (11%)

Yellow (84%)

Blue (11%)

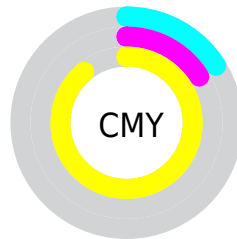


Cyan (0%)

Magenta (0%)

Yellow (87%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6D61C 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 D6D61C by changing the saturation by 10% instead.



 D6D61C

 D6D61C

FFFFFF

 B8BA00

 FFFF60

 9BA000

 FFFF7D

 7E8600

 FFFF9A

 626C00

 FFFFB7

 465400

 FFFFD5

 2B3D00

 FFFFF3

 122700

 001300

 000000

 D6D61C

 D6D61C

 D6D607

 D6D631

 D6D600

 D6D647

 D6D65C

 D6D672

 D6D687

 D6D69C

 D6D6B2

 D6D6C7

 D6D6DD

# Harmonies

## Analogous

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



FFBC2D



D6D61C



7FE756

# Triad

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



D6D61C



00F0FF



FF8CFE

# Complementary

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



D6D61C



1C1CD6

# 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.



FEABFF



D6D61C



00E4FF

# Square

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



D6D61C



00F3F0



6FCDFE



FF84B1

# Rectangle

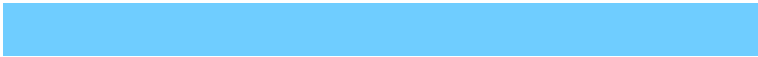
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6D61C



00EE86



6FCDFE



FF95FF



# Sweetspot

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



D6D61C



FFFFBD



D61C1C



808058



000000



808080



# Same Dimension

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



D6D61C



FFFF00



79D61C



6B6B60



ABAB00



2B2B00



# Inverse Universe

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



1C1CD6



0000FF



791CD6



60606B



0000AB

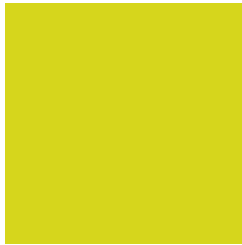


00002B



# Previews

## White Background



This preview shows how the Hex color D6D61C looks on a white background.

## Color Contrast Check

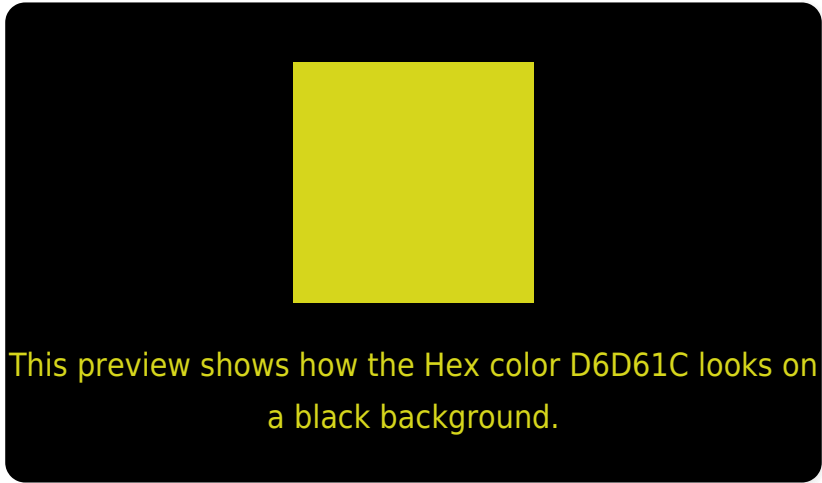
Large Text (above 18pt) WCAG AA × Fail

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 D6D61C Background



This preview shows how black text looks on a background with the Hex color D6D61C.

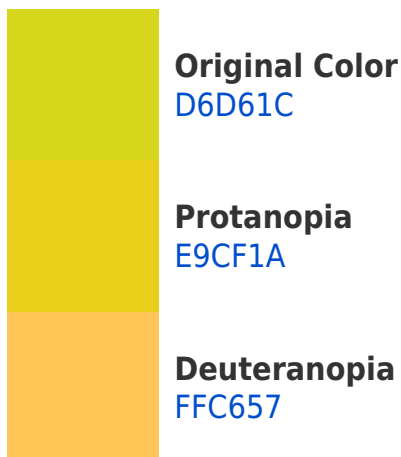


This preview shows how white text looks on a background with the Hex color D6D61C.

# 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](#).

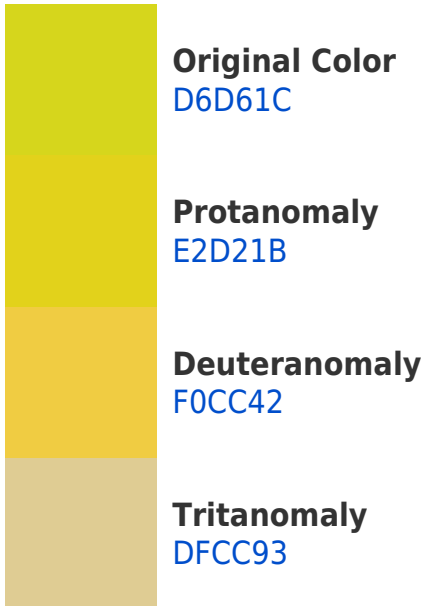
## Dichromacy



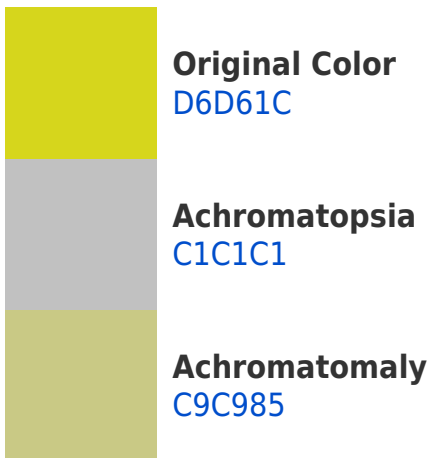


**Tritanopia**  
E4C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6D61C 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 #D6D61C looks like.

```
.text, #text, p{  
    color:#D6D61C  
}
```

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 #D6D61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D61C
}
```

## Border

The CSS property to change the border of an element to Hex D6D61C 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
#D6D61C }
```

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

```
.border{ border-color:#D6D61C }
```

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

Here you see how a box with a 4 pixel #D6D61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D61C; -webkit-box-shadow:4px 4px  
4px 4px #D6D61C; box-shadow:4px 4px 4px  
4px #D6D61C }
```

# Background

The CSS property to change the background color of an element to Hex D6D61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D61C }
```

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

```
.background{ background-color:#D6D61C }
```

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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