

# Converting Colors

Hex(D6D815)

Have a look what the booklet for  
Hex(D6D815) contains.

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**Color**

**Hex(D6D815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D815
RGB	214, 216, 21
RGB Percent	84%, 85%, 8%
CMY	0.1608, 0.1529, 0.9176
CMYK	0.01, 0.00, 0.90, 0.15
HSL	61°, 82%, 46%
HSV	61°, 90%, 85%
XYZ	52.4228, 63.4620, 10.1959
YIQ	193.1720, 61.4030, -61.0690

# Conversions

## Conversions Part 2

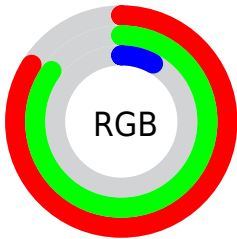
Format	Color
<a href="#">RYB</a>	<a href="#">21, 216, 23</a>
Decimal	<a href="#">14080021</a>
CIELab	<a href="#">83.68, -19.63, 81.05</a>
CIELCh	<a href="#">84, 83.394, 103.616</a>
Yxy	<a href="#">63.4620, 0.4158, 0.5033</a>
Android (android.graphics.Color)	<a href="#">4292270101 (0xFFD6D815)</a>
YUV	<a href="#">193.1720, -84.8808, 18.2662</a>
Hunter-Lab	<a href="#">79.6631, -21.9473, 48.1757</a>

# Details

The Hex color **D6D815** 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 **1715D8**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF5E**, and **9BA200** is the 20% darker color. If you saturate the color by 10%, you get **D6D800**, and if you desaturate by 10%, it is **D6D82B**.

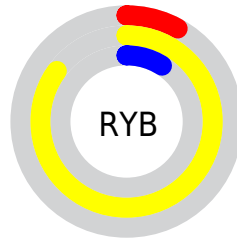
# Distribution



Red (84%)

Green (85%)

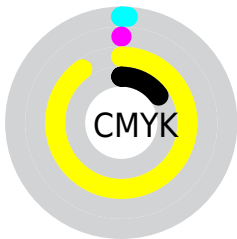
Blue (8%)



Red (8%)

Yellow (85%)

Blue (9%)

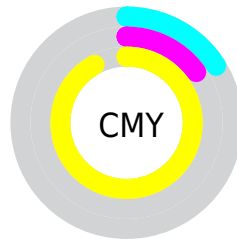


Cyan (1%)

Magenta (0%)

Yellow (90%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6D815 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 D6D815 by changing the saturation by 10% instead.



 D6D815

 D6D815

FFFFFF

 B8BC00

 FFFF5E

 9BA200

 FFFF7B

 7E8700

 FFFF98

 626E00


 FFFFB5

 465600

 FFFFD3

 2B3F00

 FFFFF0

 112900

 001500

 000000

 D6D815

 D6D815

 D6D800

 D6D82B

 D6D840

 D7D856

 D7D86B

 D7D881

 D7D897

 D8D8AC

 D8D8C2

 D8D8D7

# Harmonies

## Analogous

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



FFBD28



D6D815



7CE955

# Triad

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



D6D815



00F2FF



FF8BFF

# Complementary

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



D6D815



1715D8

# 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.



FFABFF



D6D815



00E5FF

# Square

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



D6D815



00F6F3



70CDFE



FF84B0

# Rectangle

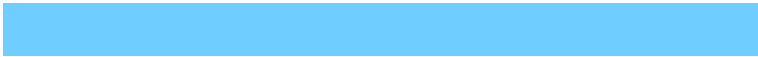
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6D815



00F087



70CDFF



FF94FF



# Sweetspot

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



D6D815



FEFFBA



D81515



7F8057



000000



808080



# Same Dimension

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



D6D815



FCFF00



77D815



6B6B60



A9AB00



2B2B00



# Inverse Universe

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



1715D8



0300FF



7715D8



60606B



0200AB



00002B



# Previews

## White Background



This preview shows how the Hex color D6D815 looks on a white background.

## Color Contrast Check

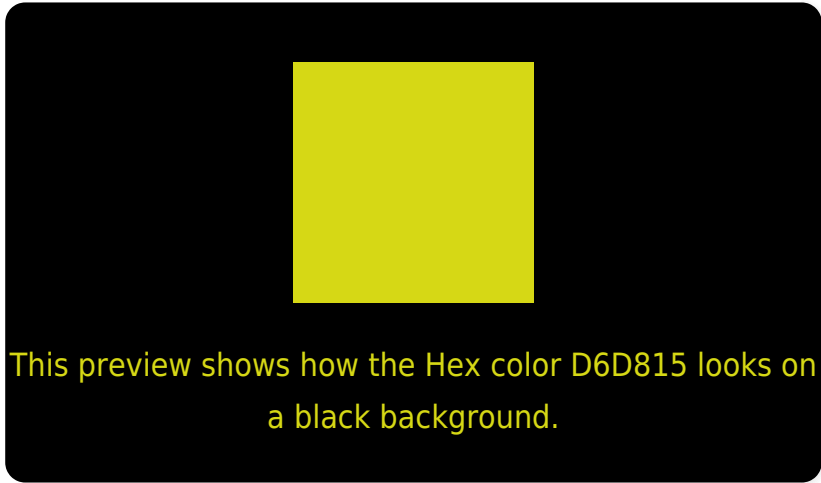
Large Text (above 18pt) WCAG AA × Fail

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 D6D815 Background



This preview shows how black text looks on a background with the Hex color D6D815.



This preview shows how white text looks on a background with the Hex color D6D815.

# 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**  
D6D815

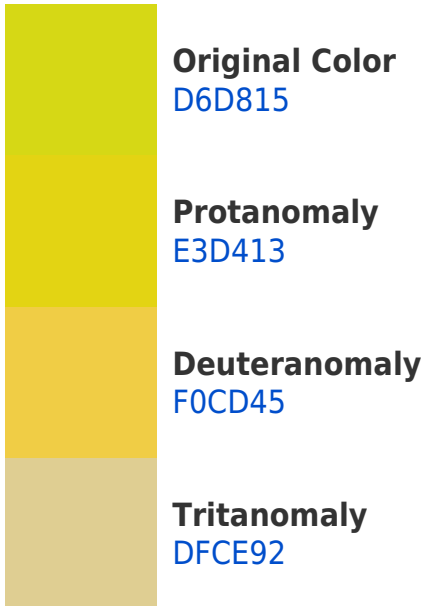
**Protanopia**  
EBD112

**Deuteranopia**  
FFC760



**Tritanopia**  
E4C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6D815 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 #D6D815 looks like.

```
.text, #text, p{  
    color:#D6D815  
}
```

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 #D6D815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6D815
}
```

## Border

The CSS property to change the border of an element to Hex D6D815 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
#D6D815 }
```

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

```
.border{ border-color:#D6D815 }
```

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

Here you see how a box with a 4 pixel #D6D815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6D815; -webkit-box-shadow:4px 4px  
4px 4px #D6D815; box-shadow:4px 4px 4px  
4px #D6D815 }
```

# Background

The CSS property to change the background color of an element to Hex D6D815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6D815 }
```

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

```
.background{ background-color:#D6D815 }
```

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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