

# Converting Colors

Hex(D0D012)

Have a look what the booklet for  
Hex(D0D012) contains.

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**Color**

**Hex(D0D012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D012
RGB	208, 208, 18
RGB Percent	82%, 82%, 7%
CMY	0.1843, 0.1843, 0.9294
CMYK	0.00, 0.00, 0.91, 0.18
HSL	60°, 84%, 44%
HSV	60°, 91%, 82%
XYZ	48.6775, 58.5653, 9.3109
YIQ	186.3400, 60.9900, -59.0900

# Conversions

## Conversions Part 2

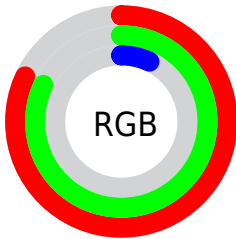
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 208, 18
Decimal	13684754
CIELab	81.05, -18.29, 79.22
CIELCh	81, 81.302, 103.002
Yxy	58.5653, 0.4176, 0.5025
Android (android.graphics.Color)	4291874834 (0xFFD0D012)
YUV	186.3400, -82.9916, 18.9958
Hunter-Lab	76.5280, -20.3847, 46.3560

# Details

The Hex color **D0D012** 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 **1212D0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFF5B**, and **959A00** is the 20% darker color. If you saturate the color by 10%, you get **D0D000**, and if you desaturate by 10%, it is **D0D027**.

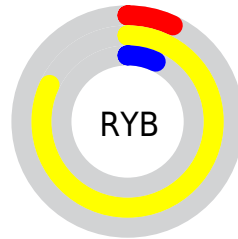
# Distribution



Red (82%)

Green (82%)

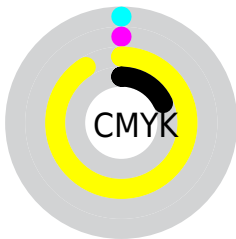
Blue (7%)



Red (7%)

Yellow (82%)

Blue (7%)

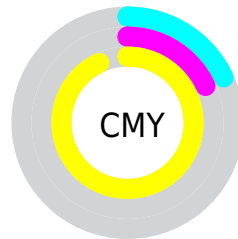


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0D012 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 D0D012 by changing the saturation by 10% instead.



 D0D012

 D0D012

FFFFFF

 B2B500

 FFFF5B

 959A00

 FFFF78

 788000

 FFFF95

 5C6700

 FFFFB2

 414F00

 FFFFCF

 263900

 FFFFED

 0C2300

 000700

 000000

 D0D012

 D0D012

 D0D000

 D0D027

 D0D03C

 D0D050

 D0D065

 D0D07A

 D0D08F

 D0D0A4

 D0D0B8

 D0D0CD

# Harmonies

## Analogous

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



FFB627



D0D012



79E151

# Triad

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



D0D012



00EAF8



FF86F8

# Complementary

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



D0D012



1212D0

# 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.



F7A6FF



D0D012



00DEFF

# Square

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



D0D012



00EDE9



66C7FF



FF7EAB

# Rectangle

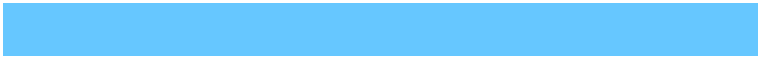
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0D012



00E880



66C7FF



FF8FFF



# Sweetspot

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



D0D012



FFFFBA



D01212



808057



000000



808080



# Same Dimension

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



D0D012



FFFF00



71D012



69695E



A8A800



292900



# Inverse Universe

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



1212D0



0000FF



7112D0



5E5E69



0000A8



000029



# Previews

## White Background



This preview shows how the Hex color D0D012 looks on a white background.

## Color Contrast Check

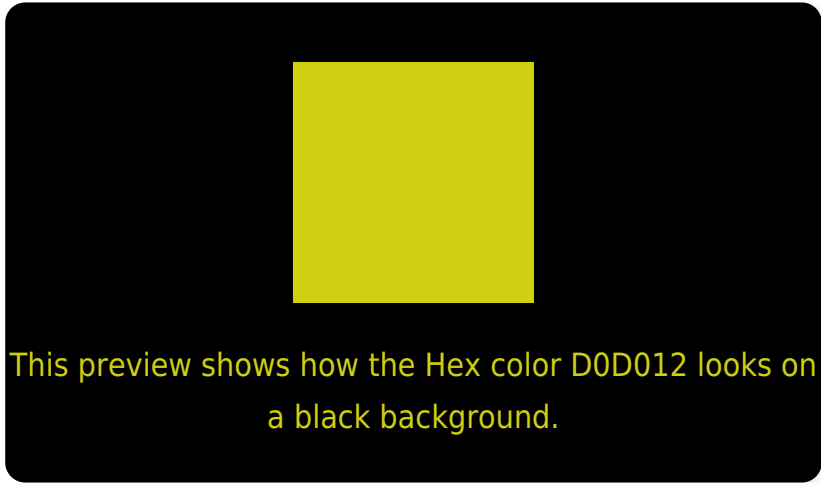
Large Text (above 18pt) WCAG AA × Fail

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 D0D012 Background



This preview shows how black text looks on a background with the Hex color D0D012.

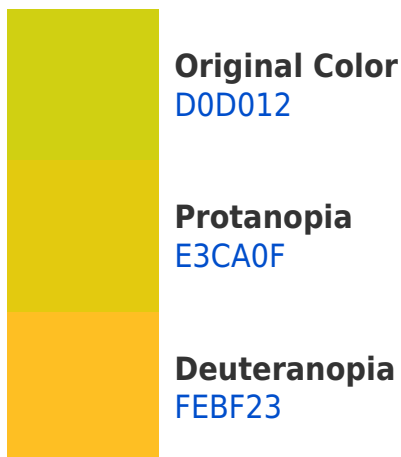


This preview shows how white text looks on a background with the Hex color D0D012.

# 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**  
DEC1D1

# Trichromacy



**Original Color**  
D0D012

**Protanomaly**  
DCCC10

**Deuteranomaly**  
EDC51D

**Tritanomaly**  
D9C68C

# Monochromacy



**Original Color**  
D0D012

**Achromatopsia**  
BABABA

**Achromatomaly**  
C2C27D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0D012 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 #D0D012 looks like.

```
.text, #text, p{  
    color:#D0D012  
}
```

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 #D0D012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D012
}
```

## Border

The CSS property to change the border of an element to Hex D0D012 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
#D0D012 }
```

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

```
.border{ border-color:#D0D012 }
```

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

Here you see how a box with a 4 pixel #D0D012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D012; -webkit-box-shadow:4px 4px  
4px 4px #D0D012; box-shadow:4px 4px 4px  
4px #D0D012 }
```

# Background

The CSS property to change the background color of an element to Hex D0D012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D012 }
```

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

```
.background{ background-color:#D0D012 }
```

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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