

# Converting Colors

Hex(D4D048)

Have a look what the booklet for  
Hex(D4D048) contains.

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**Color**

**Hex(D4D048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D048
RGB	212, 208, 72
RGB Percent	83%, 82%, 28%
CMY	0.1686, 0.1843, 0.7176
CMYK	0.00, 0.02, 0.66, 0.17
HSL	58°, 62%, 56%
HSV	58°, 66%, 83%
XYZ	50.8770, 59.5767, 14.9488
YIQ	193.6920, 46.0400, -41.4480

# Conversions

## Conversions Part 2

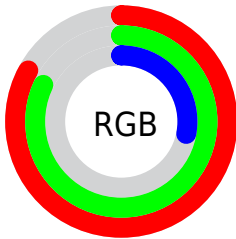
Format	Color
<a href="#">RYB</a>	<a href="#">76, 212, 72</a>
Decimal	<a href="#">13946952</a>
CIELab	<a href="#">81.61, -14.75, 65.11</a>
CIElCh	<a href="#">82, 66.762, 102.763</a>
Yxy	<a href="#">59.5767, 0.4057, 0.4751</a>
Android (android.graphics.Color)	<a href="#">4292137032 (0xFFD4D048)</a>
YUV	<a href="#">193.6920, -59.9942, 16.0561</a>
Hunter-Lab	<a href="#">77.1859, -17.4175, 42.5473</a>

# Details

The Hex color **D4D048** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **484CD4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF7F**, and **9A9A00** is the 20% darker color. If you saturate the color by 10%, you get **D4CF33**, and if you desaturate by 10%, it is **D4D15D**.

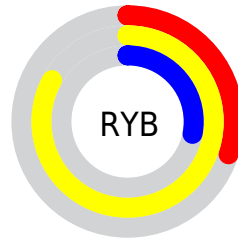
# Distribution



Red (83%)

Green (82%)

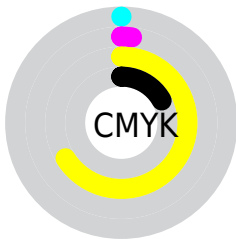
Blue (28%)



Red (30%)

Yellow (83%)

Blue (28%)

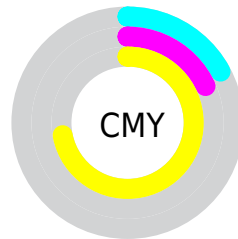


Cyan (0%)

Magenta (2%)

Yellow (66%)

Black (17%)



Cyan (17%)

Magenta (18%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4D048 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 D4D048 by changing the saturation by 10% instead.



 D4D048

 D4D048

FFFFFF

 B7B52B

 FFFF7F

 9A9A00

 FFFF9B

 7E8000

 FFFFB7

 626700

 FFFFD4

 484F00

 FFFFF1

 2D3900

 142300

 000B00

 000000

 D4D048

 D4D048

 D4CF33

 D4D15D

 D4CF1E

 D4D172

 D4CE08

 D4D288

 D4CE00

 D4D29D

 D4D3B2

 D4D4C7

 D4D4DC

 D4D5F2

 D4D5FF

# Harmonies

## Analogous

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



FFBB4F



D4D048



8EDF6A

# Triad

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



D4D048



00E6FF



FF99F1

# Complementary

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



D4D048



484CD4

# 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.



F1AFFF



D4D048



00DCFF

# Square

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



D4D048



00EAE5



8BC9FF



FF93B2

# Rectangle

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



D4D048



4BE58F



8BC9FF



FF9FFF



# Sweetspot

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



D4D048



FFFECC



D4484D



807F61



000000



808080



# Same Dimension

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



D4D048



FFF936



93D448



6B6B60



ABA600



2B2A00



# Inverse Universe

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



484CD4



363BFF



8948D4



60616B



0005AB



00012B



# Previews

## White Background



This preview shows how the Hex color D4D048 looks on a white background.

## Color Contrast Check

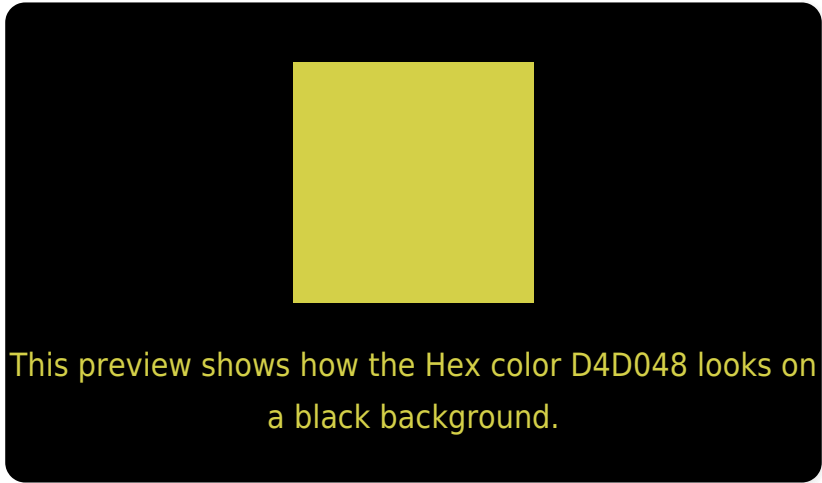
Large Text (above 18pt) WCAG AA × Fail

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 D4D048 Background



This preview shows how black text looks on a background with the Hex color D4D048.



This preview shows how white text looks on a background with the Hex color D4D048.

# 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**  
D4D048

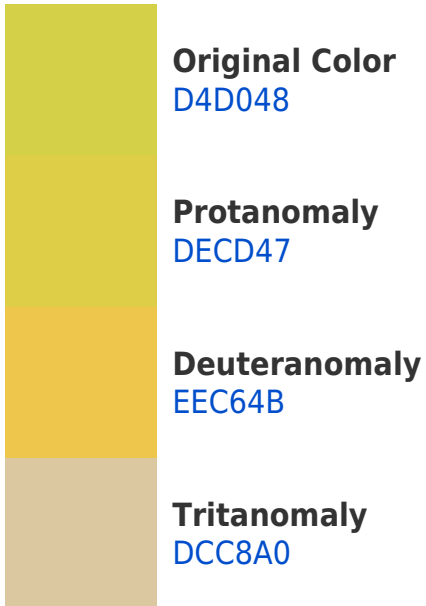
**Protanopia**  
E3CB47

**Deuteranopia**  
FDC14D

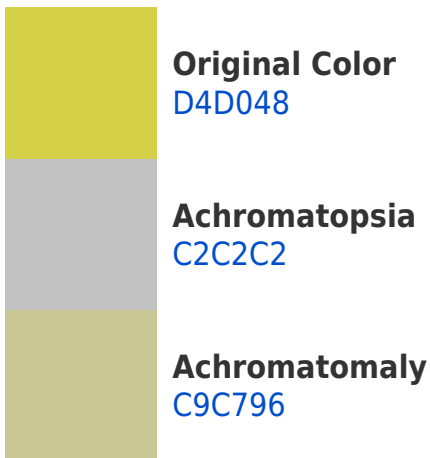


**Tritanopia**  
E0C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4D048 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 #D4D048 looks like.

```
.text, #text, p{  
    color:#D4D048  
}
```

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 #D4D048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4D048
}
```

## Border

The CSS property to change the border of an element to Hex D4D048 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
#D4D048 }
```

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

```
.border{ border-color:#D4D048 }
```

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

Here you see how a box with a 4 pixel #D4D048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4D048; -webkit-box-shadow:4px 4px  
4px 4px #D4D048; box-shadow:4px 4px 4px  
4px #D4D048 }
```

# Background

The CSS property to change the background color of an element to Hex D4D048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4D048 }
```

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

```
.background{ background-color:#D4D048 }
```

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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