

# Converting Colors

Hex(D4D42A)

Have a look what the booklet for  
Hex(D4D42A) contains.

<b>Hex(D4D42A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D4D42A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D42A
RGB	212, 212, 42
RGB Percent	83%, 83%, 16%
CMY	0.1686, 0.1686, 0.8353
CMYK	0.00, 0.00, 0.80, 0.17
HSL	60°, 67%, 50%
HSV	60°, 80%, 83%
XYZ	51.1128, 61.2512, 11.3192
YIQ	192.6200, 54.5700, -52.8700

# Conversions

## Conversions Part 2

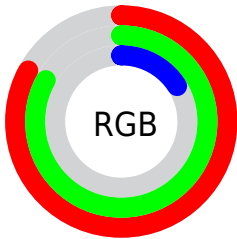
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	42, 212, 42
Decimal	13947946
CIE Lab	82.51, -18.03, 75.81
CIE LCh	83, 77.924, 103.377
Yxy	61.2512, 0.4133, 0.4952
Android (android.graphics.Color)	4292138026 (0xFFD4D42A)
YUV	192.6200, -74.2557, 16.9963
Hunter-Lab	78.2631, -20.3841, 46.2091

# Details

The Hex color **D4D42A** 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 **2A2AD4**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF68**, and **999E00** is the 20% darker color. If you saturate the color by 10%, you get **D4D415**, and if you desaturate by 10%, it is **D4D43F**.

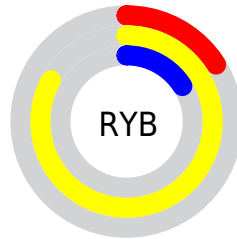
# Distribution



Red (83%)

Green (83%)

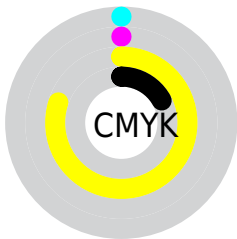
Blue (16%)



Red (16%)

Yellow (83%)

Blue (16%)

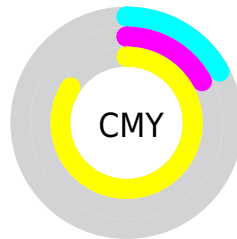


Cyan (0%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4D42A 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 D4D42A by changing the saturation by 10% instead.



 D4D42A

 D4D42A

FFFFFF

 B6B800


 FFFF68

 999E00

 FFFF85

 7D8400

 FFFFA1

 616B00

 FFFFBE

 455300

 FFFFDC

 2A3C00

 FFFFF9

 112600

 001000

 000000

 D4D42A

 D4D42A

 D4D415

 D4D43F

 D4D400

 D4D454

 D4D46A

 D4D47F

 D4D494

 D4D4A9

 D4D4BE

 D4D4D4

 D4D4E9

# Harmonies

## Analogous

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



FFBB36



D4D42A



81E55B

# Triad

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



D4D42A



00EDFF



FF8EF9

# Complementary

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



D4D42A



2A2AD4

# 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.



FBABFF



D4D42A



00E1FF

# Square

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



D4D42A



00F0ED



79CAFF



FF88B0

# Rectangle

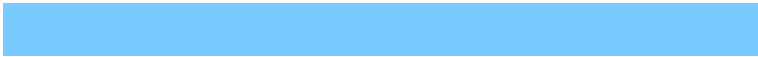
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4D42A



00EB88



79CAFF



FF97FF



# Sweetspot

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



D4D42A



FFFFC2



D42A2A



80805B



000000



808080



# Same Dimension

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



D4D42A



FFFF0A



7FD42A



6B6B60



ABAB00



2B2B00



# Inverse Universe

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



2A2AD4



0A0AFF



7F2AD4



60606B



0000AB



00002B



# Previews

## White Background



This preview shows how the Hex color D4D42A 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



This preview shows how the Hex color D4D42A looks on a 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 D4D42A Background



This preview shows how black text looks on a background with the Hex color D4D42A.



This preview shows how white text looks on a background with the Hex color D4D42A.

# 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**  
D4D42A

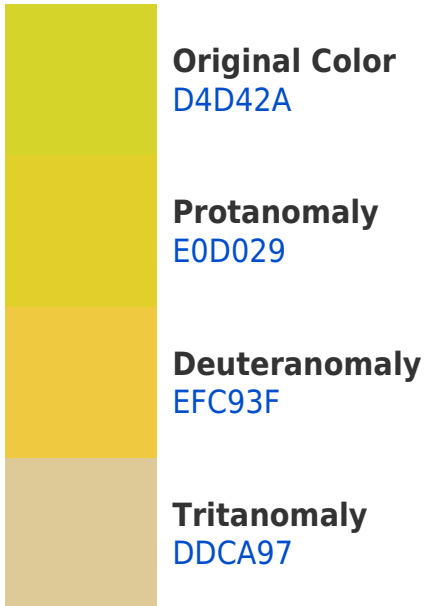
**Protanopia**  
E7CE28

**Deuteranopia**  
FFC34B

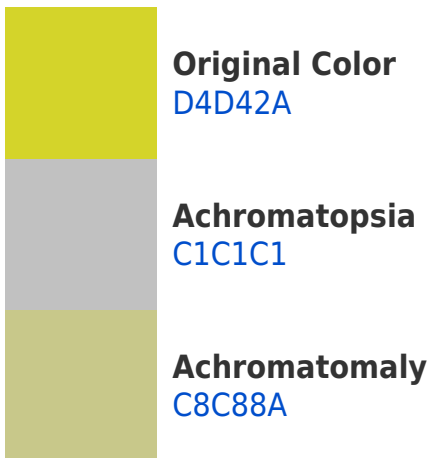


**Tritanopia**  
E2C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4D42A 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 #D4D42A looks like.

```
.text, #text, p{  
    color:#D4D42A  
}
```

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 #D4D42A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4D42A
}
```

## Border

The CSS property to change the border of an element to Hex D4D42A 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
#D4D42A }
```

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

```
.border{ border-color:#D4D42A }
```

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

Here you see how a box with a 4 pixel #D4D42A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4D42A; -webkit-box-shadow:4px 4px  
4px 4px #D4D42A; box-shadow:4px 4px 4px  
4px #D4D42A }
```

# Background

The CSS property to change the background color of an element to Hex D4D42A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4D42A }
```

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

```
.background{ background-color:#D4D42A }
```

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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