

# Converting Colors

Hex(D4CC2B)

Have a look what the booklet for  
Hex(D4CC2B) contains.

<b>Hex(D4CC2B)</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(D4CC2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4CC2B
RGB	212, 204, 43
RGB Percent	83%, 80%, 17%
CMY	0.1686, 0.2000, 0.8314
CMYK	0.00, 0.04, 0.80, 0.17
HSL	57°, 66%, 50%
HSV	57°, 80%, 83%
XYZ	49.1803, 57.3572, 10.7645
YIQ	188.0380, 56.4490, -48.3750

# Conversions

## Conversions Part 2

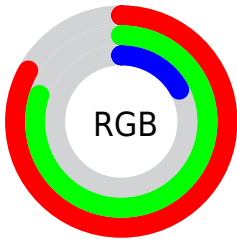
Format	Color
<b>RYB</b>	51, 212, 43
Decimal	13945899
CIELab	80.38, -14.02, 73.69
CIELCh	80, 75.016, 100.773
Yxy	57.3572, 0.4193, 0.4890
Android (android.graphics.Color)	4292135979 (0xFFD4CC2B)
YUV	188.0380, -71.5037, 21.0147
Hunter-Lab	75.7345, -16.6216, 44.5870

# Details

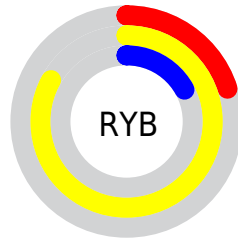
The Hex color **D4CC2B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2B33D4**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF68**, and **999600** is the 20% darker color. If you saturate the color by 10%, you get **D4CB16**, and if you desaturate by 10%, it is **D4CD40**.

# Distribution



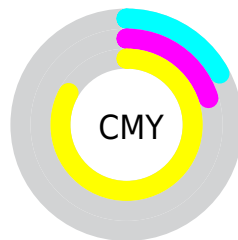
- Red (83%)
- Green (80%)
- Blue (17%)



- Red (20%)
- Yellow (83%)
- Blue (17%)



- Cyan (0%)
- Magenta (4%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4CC2B 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 D4CC2B by changing the saturation by 10% instead.



 D4CC2B

 D4CC2B

FFFFFF

 B6B100

 FFFF68

 999600

 FFFF84

 7D7D00

 FFFFA0

 616400

 FFFFBD

 454C00

 FFFFDA

 2B3600

 FFFFF8

 122000

 000300

 000000

 D4CC2B

 D4CC2B

 D4CB16

 D4CD40

 D4CA01

 D4CE55

 D4CA00

 D4CF6B

 D4D080

 D4D195

 D4D2AA

 D4D3BF

 D4D4D5

 D4D5EA

# Harmonies

## Analogous

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



FFB33B



D4CC2B



87DD56

# Triad

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



D4CC2B



00E6FF



FF8DF7

# Complementary

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



D4CC2B



2B33D4

# 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.



EBAAFF



D4CC2B



00DBFF

# Square

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



D4CC2B



00E9DF



66C7FF



FF85B1

# Rectangle

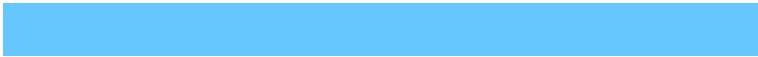
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4CC2B



2EE47F



66C7FF



FF96FF



# Sweetspot

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



D4CC2B



FFFCC2



D42B33



807E5B



000000



808080



# Same Dimension

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



D4CC2B



FFF30A



88D42B



6B6B60



ABA300



2B2900



# Inverse Universe

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



2B33D4



0A16FF



772BD4



60616B



0008AB



00022B



# Previews

## White Background



This preview shows how the Hex color D4CC2B looks on a white background.

## Color Contrast Check

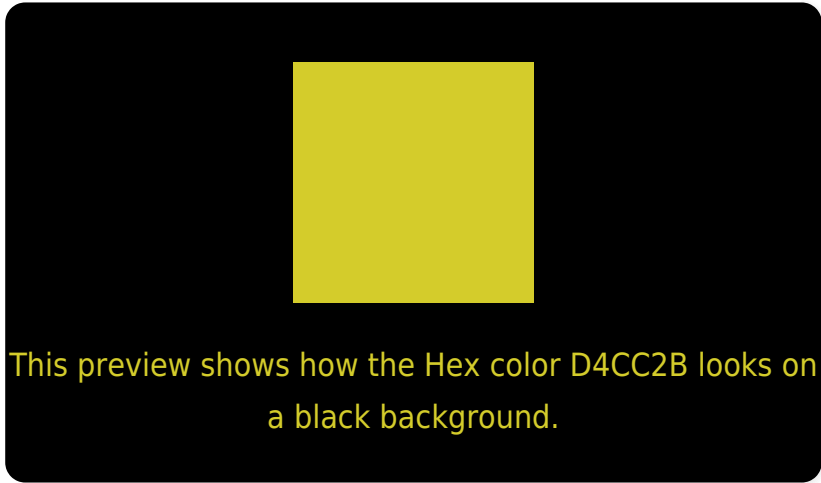
Large Text (above 18pt) WCAG AA × Fail

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 D4CC2B Background



This preview shows how black text looks on a background with the Hex color D4CC2B.

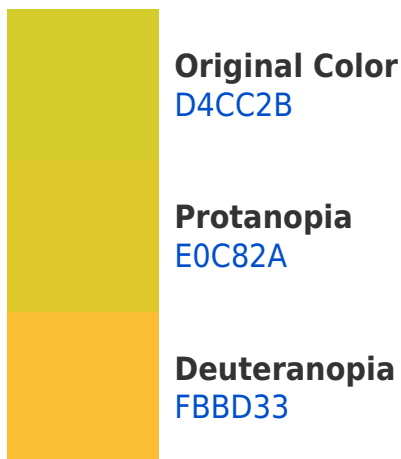


This preview shows how white text looks on a background with the Hex color D4CC2B.

# 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](#).

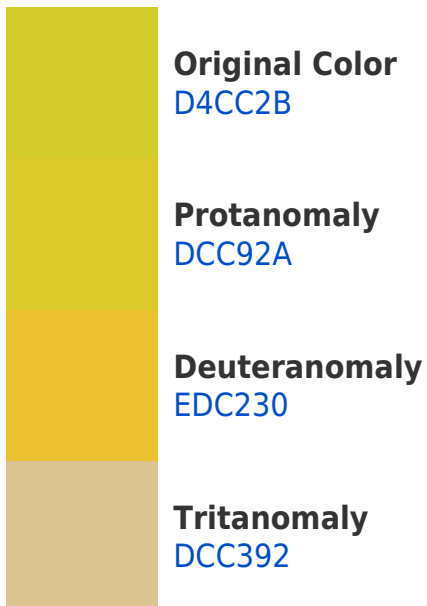
## Dichromacy





**Tritanopia**  
E1BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4CC2B 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 #D4CC2B looks like.

```
.text, #text, p{  
    color:#D4CC2B  
}
```

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 #D4CC2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4CC2B
}
```

## Border

The CSS property to change the border of an element to Hex D4CC2B 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
#D4CC2B }
```

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

```
.border{ border-color:#D4CC2B }
```

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

Here you see how a box with a 4 pixel #D4CC2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4CC2B; -webkit-box-shadow:4px 4px  
4px 4px #D4CC2B; box-shadow:4px 4px 4px  
4px #D4CC2B }
```

# Background

The CSS property to change the background color of an element to Hex D4CC2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4CC2B }
```

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

```
.background{ background-color:#D4CC2B }
```

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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