

# Converting Colors

Hex(DCD923)

Have a look what the booklet for  
Hex(DCD923) contains.

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**Color**

**Hex(DCD923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD923
RGB	220, 217, 35
RGB Percent	86%, 85%, 14%
CMY	0.1373, 0.1490, 0.8627
CMYK	0.00, 0.01, 0.84, 0.14
HSL	59°, 73%, 50%
HSV	59°, 84%, 86%
XYZ	54.6314, 64.9627, 11.2498
YIQ	197.1490, 60.2100, -55.9660

# Conversions

## Conversions Part 2

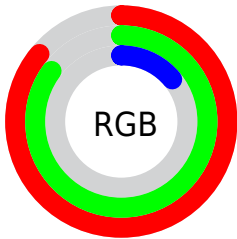
Format	Color
<a href="#">RYB</a>	<a href="#">38, 220, 35</a>
Decimal	<a href="#">14473507</a>
CIELab	<a href="#">84.46, -17.31, 79.37</a>
CIELCh	<a href="#">84, 81.233, 102.306</a>
Yxy	<a href="#">64.9627, 0.4175, 0.4965</a>
Android (android.graphics.Color)	<a href="#">4292663587 (0xFFD9CD923)</a>
YUV	<a href="#">197.1490, -79.9395, 20.0403</a>
Hunter-Lab	<a href="#">80.5994, -20.0592, 48.1441</a>

# Details

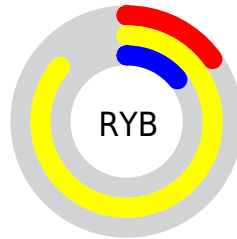
The Hex color **DCD923** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2326DC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF65**, and **A1A200** is the 20% darker color. If you saturate the color by 10%, you get **DCD90D**, and if you desaturate by 10%, it is **DCD939**.

# Distribution



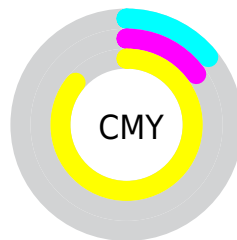
- Red (86%)
- Green (85%)
- Blue (14%)



- Red (15%)
- Yellow (86%)
- Blue (14%)



- Cyan (0%)
- Magenta (1%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD923 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 DCD923 by changing the saturation by 10% instead.



 DCD923

 DCD923

FFFFFF

 BEBD00

 FFFF65

 A1A200

 FFFF82

 848800


 FFFF9F

 686F00


 FFFFBC

 4B5700

 FFFFD9

 314000

 FFFFF7

 172A00

 001700

 000000

 DCD923

 DCD923

 DCD90D

 DCD939

 DCD800

 DCDA4F

 DCDA65

 DCDA7B

 DCDB91

 DCDBA7

 DCDBBD

 DCDCD3

 DCDCE9

# Harmonies

## Analogous

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



FFBE34



DCD923



86EB59

# Triad

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



DCD923



00F4FF



FF91FF

# Complementary

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



DCD923



2326DC

# 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.



FFB0FF



DCD923



00E8FF

# Square

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



DCD923



00F7F1



6FD1FF



FF89B6

# Rectangle

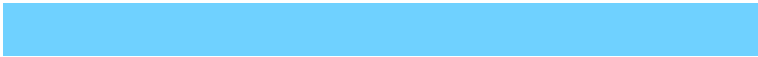
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCD923



00F288



6FD1FF



FF9AFF



# Sweetspot

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



DCD923



FFFEBF



DC2326



807F59



000000



808080



# Same Dimension

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



DCD923



FFB000



83DC23



6E6D63



ADAB00



2E2D00



# Inverse Universe

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



2326DC



0004FF



7C23DC



63636E



0003AD



00012E



# Previews

## White Background



This preview shows how the Hex color DCD923 looks on a white background.

## Color Contrast Check

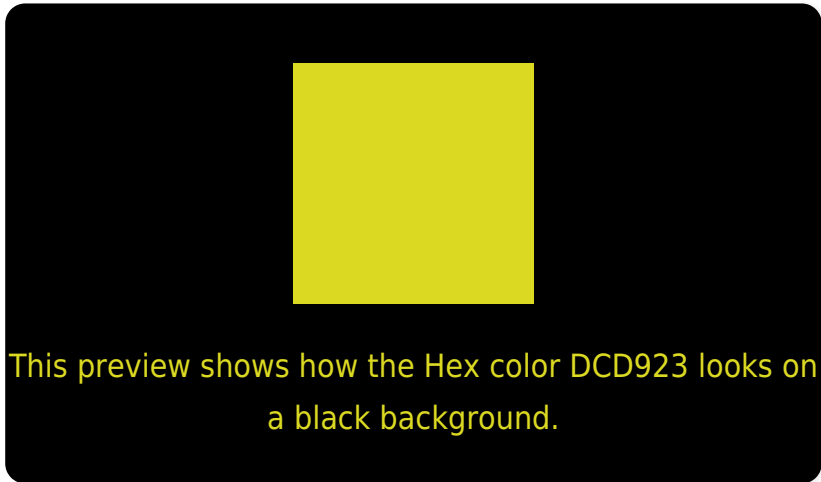
Large Text (above 18pt) WCAG AA × Fail

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 DCD923 Background



This preview shows how black text looks on a background with the Hex color DCD923.

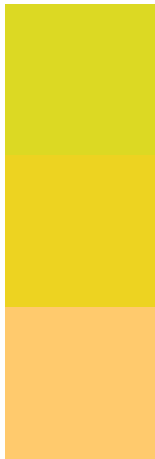


This preview shows how white text looks on a background with the Hex color DCD923.

# 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



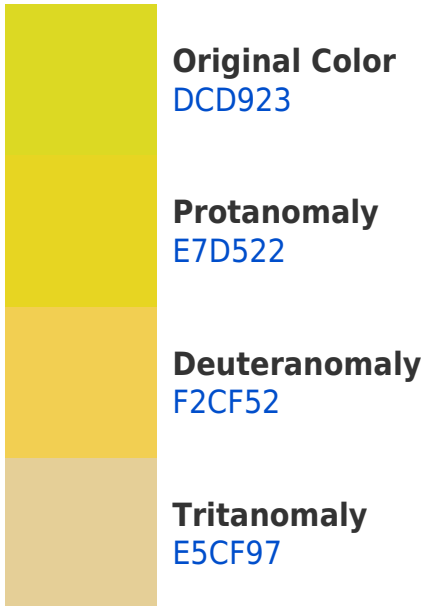
**Original Color**  
DCD923

**Protanopia**  
EDD321

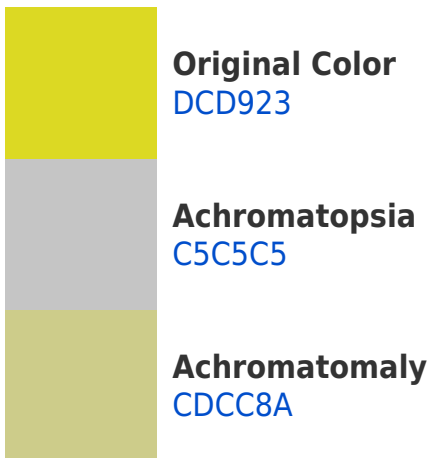
**Deuteranopia**  
FFCA6D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD923 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 #DCD923 looks like.

```
.text, #text, p{  
    color:#DCD923  
}
```

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 #DCD923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD923
}
```

## Border

The CSS property to change the border of an element to Hex DCD923 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
#DCD923 }
```

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

```
.border{ border-color:#DCD923 }
```

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

Here you see how a box with a 4 pixel #DCD923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD923; -webkit-box-shadow:4px 4px  
4px 4px #DCD923; box-shadow:4px 4px 4px  
4px #DCD923 }
```

# Background

The CSS property to change the background color of an element to Hex DCD923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD923 }
```

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

```
.background{ background-color:#DCD923 }
```

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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