

# Converting Colors

Hex(D1DD22)

Have a look what the booklet for  
Hex(D1DD22) contains.

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**Color**

**Hex(D1DD22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1DD22
RGB	209, 221, 34
RGB Percent	82%, 87%, 13%
CMY	0.1804, 0.1333, 0.8667
CMYK	0.05, 0.00, 0.85, 0.13
HSL	64°, 73%, 50%
HSV	64°, 85%, 87%
XYZ	52.4397, 65.3837, 11.3698
YIQ	196.0940, 52.8750, -60.7010

# Conversions

## Conversions Part 2

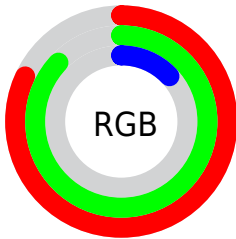
Format	Color
<a href="#">RYB</a>	<a href="#">34, 221, 46</a>
Decimal	<a href="#">13753634</a>
CIELab	<a href="#">84.68, -23.88, 79.41</a>
CIELCh	<a href="#">85, 82.921, 106.739</a>
Yxy	<a href="#">65.3837, 0.4059, 0.5061</a>
Android (android.graphics.Color)	<a href="#">4291943714</a> ( <a href="#">0xFFD1DD22</a> )
YUV	<a href="#">196.0940, -79.9123, 11.3186</a>
Hunter-Lab	<a href="#">80.8602, -25.7440, 48.2653</a>

# Details

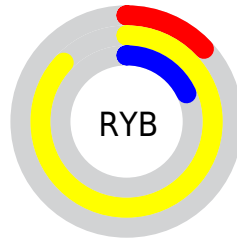
The Hex color **D1DD22** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2E22DD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF64**, and **96A600** is the 20% darker color. If you saturate the color by 10%, you get **D0DD0C**, and if you desaturate by 10%, it is **D2DD38**.

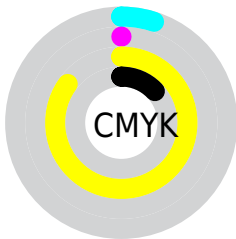
# Distribution



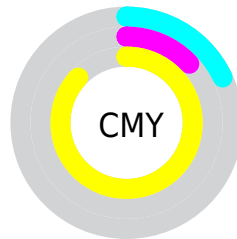
- Red (82%)
- Green (87%)
- Blue (13%)



- Red (13%)
- Yellow (87%)
- Blue (18%)



- Cyan (5%)
- Magenta (0%)
- Yellow (85%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1DD22 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 D1DD22 by changing the saturation by 10% instead.



 D1DD22

 D1DD22

FFFFFF

 B3C100

 FFFF64

 96A600


 FFFF82

 798C00

 FFFF9F

 5E7200

 FFFFBC

 415A00

 FFFFD9

 264300

 FFFFF7

 0A2C00

 001900

 000000

 D1DD22

 D1DD22

 D0DD0C

 D2DD38

 CFDD00

 D4DD4E

 D5DD64

 D7DD7A

 D8DD91

 DADDA7

 DBDDBD

 DCDDD3

 DEDDE9

# Harmonies

## Analogous

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



FFC328



D1DD22



73EE60

# Triad

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



D1DD22



00F4FF



FF8CFA

# Complementary

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



D1DD22



2E22DD

# 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.



FFABFF



D1DD22



00E6FF

# Square

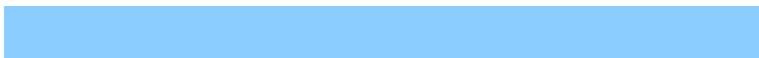
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D1DD22



00F8FE



8CCDFE



FF89AB

# Rectangle

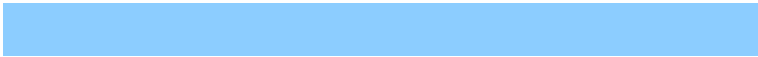
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1DD22



00F492



8CCDFE



FF94FF

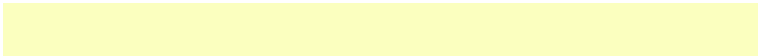


# Sweetspot

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



D1DD22



FBFFBF



DD2B22



7D8059



000000



808080



# Same Dimension

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



D1DD22



FFFF00



76DD22



6D6E63



A2AD00



2B2E00



# Inverse Universe

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



2E22DD



1000FF



8922DD



63636E



0B00AD



03002E



# Previews

## White Background



This preview shows how the Hex color D1DD22 looks on a white background.

## Color Contrast Check

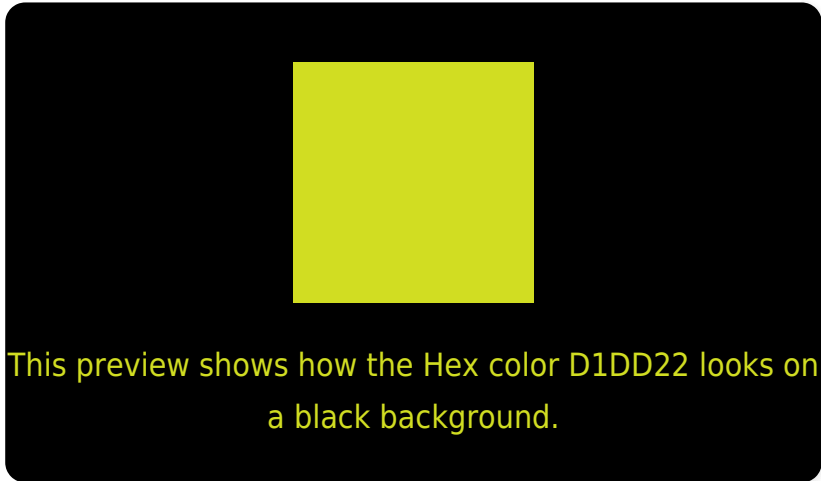
Large Text (above 18pt) WCAG AA × Fail

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 D1DD22 Background



This preview shows how black text looks on a background with the Hex color D1DD22.



This preview shows how white text looks on a background with the Hex color D1DD22.

# 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



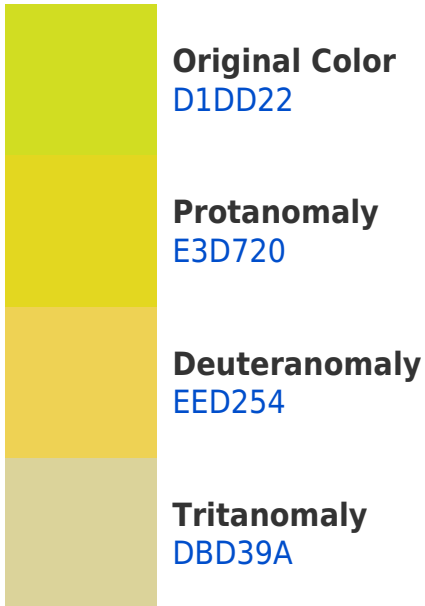
**Original Color**  
D1DD22

**Protanopia**  
EED41F

**Deuteranopia**  
FFCB70



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1DD22 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 #D1DD22 looks like.

```
.text, #text, p{  
    color:#D1DD22  
}
```

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 #D1DD22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1DD22  
}
```

## Border

The CSS property to change the border of an element to Hex D1DD22 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  
#D1DD22 }
```

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

```
.border{ border-color:#D1DD22 }
```

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

Here you see how a box with a 4 pixel #D1DD22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1DD22; -webkit-box-shadow:4px 4px  
4px 4px #D1DD22; box-shadow:4px 4px 4px  
4px #D1DD22 }
```

# Background

The CSS property to change the background color of an element to Hex D1DD22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1DD22 }
```

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

```
.background{ background-color:#D1DD22 }
```

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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