

Converting Colors

Hex(D1D966)

Have a look what the booklet for
Hex(D1D966) contains.

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Color

Hex(D1D966)

Conversions

Conversions Part 1

Format	Color
Hex	D1D966
RGB	209, 217, 102
RGB Percent	82%, 85%, 40%
CMY	0.1804, 0.1490, 0.6000
CMYK	0.04, 0.00, 0.53, 0.15
HSL	64°, 60%, 63%
HSV	64°, 53%, 85%
XYZ	53.5056, 64.1403, 22.1306
YIQ	201.4980, 32.1470, -37.4610

Conversions

Conversions Part 2

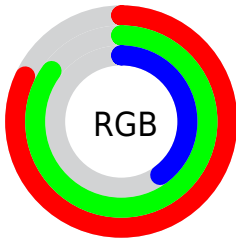
Format	Color
RYB	102, 217, 110
Decimal	13752678
CIELab	84.04, -18.35, 54.89
CIELCh	84, 57.877, 108.488
Yxy	64.1403, 0.3828, 0.4589
Android (android.graphics.Color)	4291942758 (0xFFD1D966)
YUV	201.4980, -49.0525, 6.5793
Hunter-Lab	80.0877, -20.8996, 39.6777

Details

The Hex color **D1D966** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6E66D9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF9C**, and **98A231** is the 20% darker color. If you saturate the color by 10%, you get **CFD950**, and if you desaturate by 10%, it is **D3D97C**.

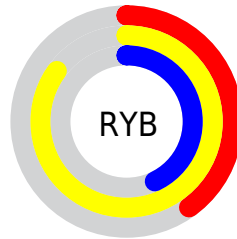
Distribution



Red (82%)

Green (85%)

Blue (40%)



Red (40%)

Yellow (85%)

Blue (43%)

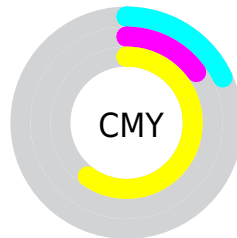


Cyan (4%)

Magenta (0%)

Yellow (53%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1D966 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 D1D966 by changing the saturation by 10% instead.

 D1D966

 D1D966

FFFFFF

 B4BD4C

 FFFF9C

 98A231

 FFFF88

 7D8812

 FFFF66

 626F00

 FFFF33

 485600

 2E3F00

 142900

 001700

 000000

 D1D966

 D1D966

 CFD950

 D3D97C

 CED93B

 D4D991

 CCD925

 D6D9A7

 CBD90F

 D7D9BD

 CAD900

 D9D9D3

 DAD9E8

 DCD9FE

 DDD9FF

 DFD9FF

Harmonies

Analogous

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



FFC765



D1D966



92E587

Triad

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



D1D966



00E9FF



FFA6E9

Complementary

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



D1D966



6E66D9

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.



FFB6FF



D1D966



25DDFF

Square

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



D1D966



00EDF2



B4CBFF



FFA5B2

Rectangle

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



D1D966



5AEBA8



B4CBFF



FFAAFB

Sweetspot

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



D1D966



FCFFD6



D96E66



7E8067



000000



808080

Same Dimension

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



D1D966



F4FF5C



98D966



6D6E63



A1AD00



2B2E00

Inverse Universe

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



6E66D9



675CFF



A766D9



63636E



0C00AD



03002E

Previews

White Background



This preview shows how the Hex color D1D966 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 D1D966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

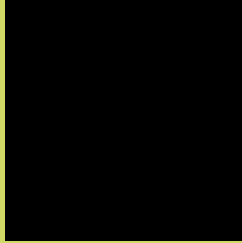
Any Text WCAG AA ✓ Pass

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 D1D966 Background



This preview shows how black text looks on a background with the Hex color D1D966.

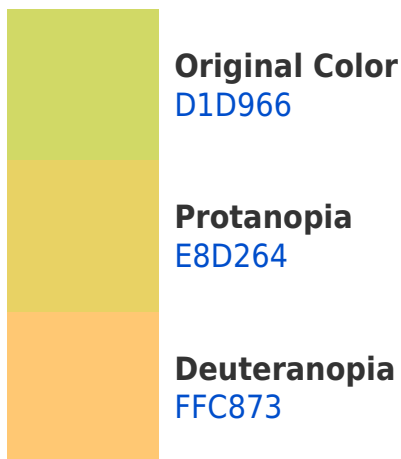


This preview shows how white text looks on a background with the Hex color D1D966.

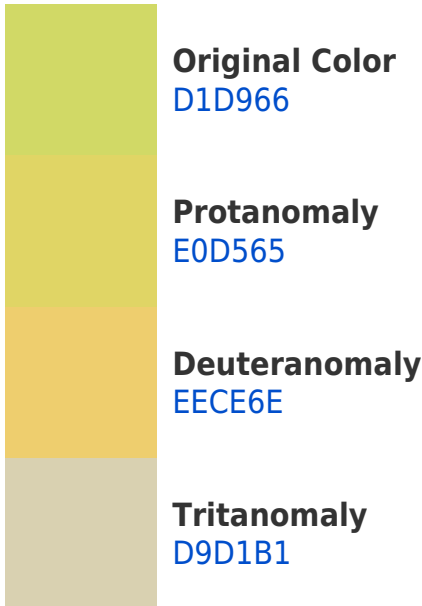
Color Blindness Simulation

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](#).

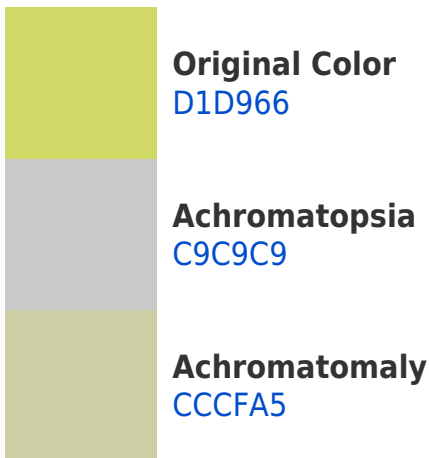
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1D966 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 #D1D966 looks like.

```
.text, #text, p{  
    color:#D1D966  
}
```

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 #D1D966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1D966
}
```

Border

The CSS property to change the border of an element to Hex D1D966 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
#D1D966 }
```

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

```
.border{ border-color:#D1D966 }
```

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

Here you see how a box with a 4 pixel #D1D966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1D966; -webkit-box-shadow:4px 4px  
4px 4px #D1D966; box-shadow:4px 4px 4px  
4px #D1D966 }
```

Background

The CSS property to change the background color of an element to Hex D1D966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1D966 }
```

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

```
.background{ background-color:#D1D966 }
```

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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