

Converting Colors

Hex(D1DB45)

Have a look what the booklet for
Hex(D1DB45) contains.

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Color

Hex(D1DB45)

Conversions

Conversions Part 1

Format	Color
Hex	D1DB45
RGB	209, 219, 69
RGB Percent	82%, 86%, 27%
CMY	0.1804, 0.1412, 0.7294
CMYK	0.05, 0.00, 0.68, 0.14
HSL	64°, 68%, 56%
HSV	64°, 68%, 86%
XYZ	52.7002, 64.6480, 15.3309
YIQ	198.9100, 42.1900, -48.7700

Conversions

Conversions Part 2

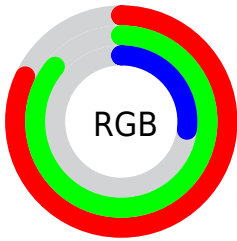
Format	Color
RYB	69, 219, 79
Decimal	13753157
CIELab	84.30, -21.57, 68.89
CIELCh	84, 72.185, 107.387
Yxy	64.6480, 0.3972, 0.4873
Android (android.graphics.Color)	4291943237 (0xFFD1DB45)
YUV	198.9100, -64.0456, 8.8489
Hunter-Lab	80.4040, -23.7105, 44.9777

Details

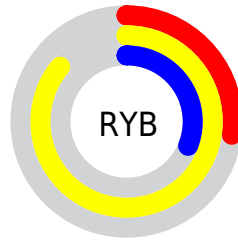
The Hex color **D1DB45** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4F45DB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF7E**, and **97A400** is the 20% darker color. If you saturate the color by 10%, you get **D0DB2F**, and if you desaturate by 10%, it is **D2DB5B**.

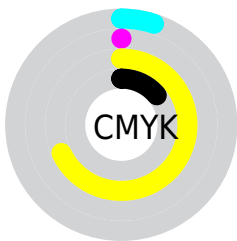
Distribution



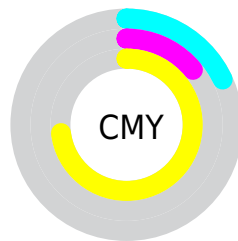
- Red (82%)
- Green (86%)
- Blue (27%)



- Red (27%)
- Yellow (86%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (68%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1DB45 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 D1DB45 by changing the saturation by 10% instead.

 D1DB45

 D1DB45

FFFFFF

 B4BF25

 FFFF7E

 97A400

 FFFF9A

 7B8A00

 FFFFB6

 5F7100

 FFFFDD

 445800

 FFFFF0

 294100

 0E2B00

 001800

 000000

 D1DB45

 D1DB45

 D0DB2F

 D2DB5B

 CEDB19

 D4DB71

 CDDB03

 D5DB87

 CCDB00

 D7DB9D

 D8DBB3

 DADBC8

 DBDBDE

 DDDBF4

 DEDBFF

Harmonies

Analogous

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



FFC546



D1DB45



81EA71

Triad

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



D1DB45



00EFFF



FF98F2

Complementary

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



D1DB45



4F45DB

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



D1DB45



00E2FF

Square

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



D1DB45



00F4F9



A0CCFF



FF96AD

Rectangle

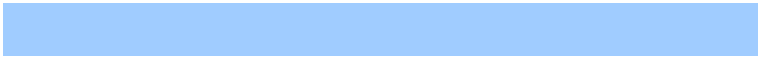
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1DB45



0CF09B



A0CCFF



FF9EFF

Sweetspot

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



D1DB45



FBFFC9



DB4F45



7D8060



000000



808080

Same Dimension

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



D1DB45



F1FF2E



88DB45



6D6E63



A2AD00



2B2E00

Inverse Universe

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



4F45DB



3C2EFF



9A45DB



63636E



0C00AD



03002E

Previews

White Background



This preview shows how the Hex color D1DB45 looks on a white background.

Color Contrast Check

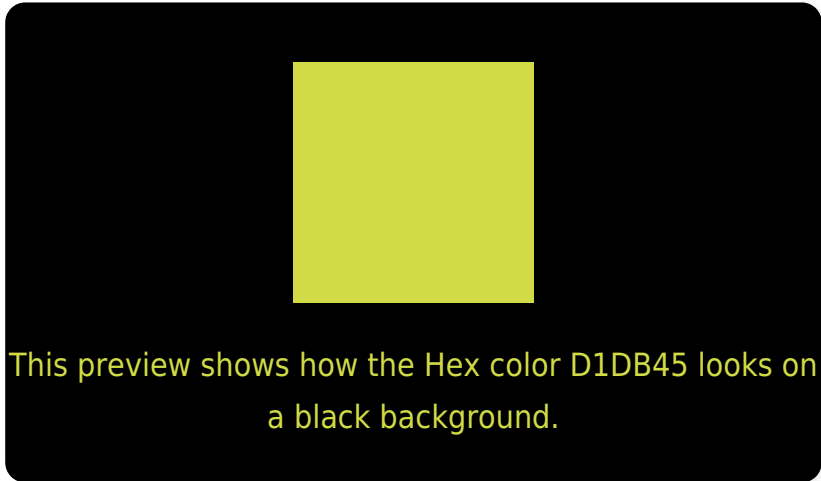
Large Text (above 18pt) WCAG AA × Fail

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 D1DB45 Background



This preview shows how black text looks on a background with the Hex color D1DB45.

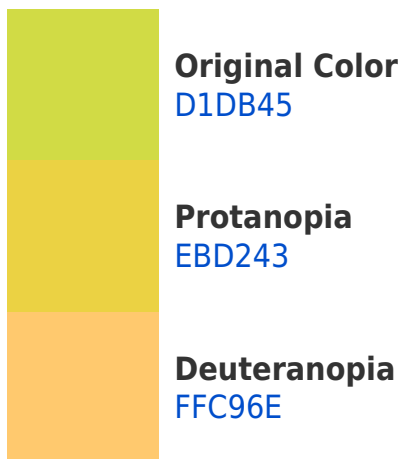


This preview shows how white text looks on a background with the Hex color D1DB45.

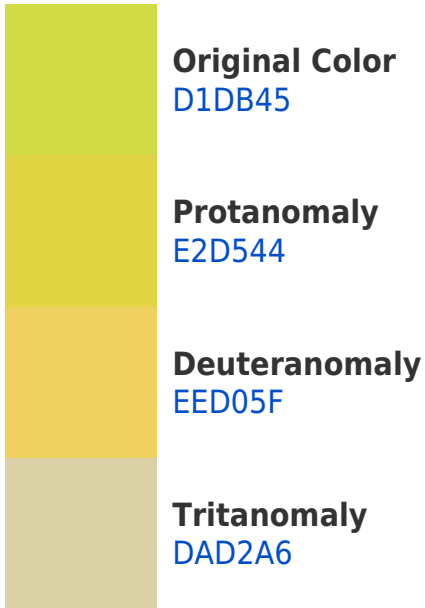
Color Blindness Simulation

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 D1DB45 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 #D1DB45 looks like.

```
.text, #text, p{  
    color:#D1DB45  
}
```

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 #D1DB45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1DB45
}
```

Border

The CSS property to change the border of an element to Hex D1DB45 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
#D1DB45 }
```

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

```
.border{ border-color:#D1DB45 }
```

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

Here you see how a box with a 4 pixel #D1DB45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1DB45; -webkit-box-shadow:4px 4px  
4px 4px #D1DB45; box-shadow:4px 4px 4px  
4px #D1DB45 }
```

Background

The CSS property to change the background color of an element to Hex D1DB45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1DB45 }
```

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

```
.background{ background-color:#D1DB45 }
```

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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