

Converting Colors

Hex(DBD471)

Have a look what the booklet for
Hex(DBD471) contains.

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Color

Hex(DBD471)

Conversions

Conversions Part 1

Format	Color
Hex	DBD471
RGB	219, 212, 113
RGB Percent	86%, 83%, 44%
CMY	0.1412, 0.1686, 0.5569
CMYK	0.00, 0.03, 0.48, 0.14
HSL	56°, 60%, 65%
HSV	56°, 48%, 86%
XYZ	55.7375, 63.3393, 24.9108
YIQ	202.8070, 35.9510, -29.3050

Conversions

Conversions Part 2

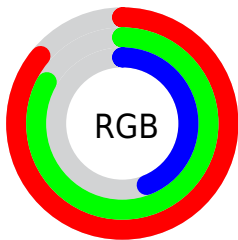
Format	Color
RYB	120, 219, 113
Decimal	14406769
CIELab	83.62, -10.89, 49.44
CIELCh	84, 50.622, 102.421
Yxy	63.3393, 0.3871, 0.4399
Android (android.graphics.Color)	4292596849 (0xFFDDBD471)
YUV	202.8070, -44.2749, 14.2013
Hunter-Lab	79.5860, -14.2641, 37.1521

Details

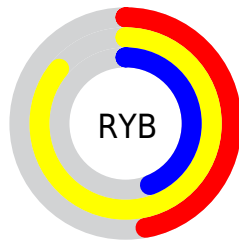
The Hex color **DBD471** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7178DB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFA7**, and **A29E3D** is the 20% darker color. If you saturate the color by 10%, you get **DBD35B**, and if you desaturate by 10%, it is **DBD587**.

Distribution



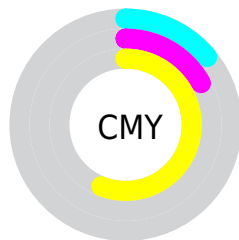
- Red (86%)
- Green (83%)
- Blue (44%)



- Red (47%)
- Yellow (86%)
- Blue (44%)



- Cyan (0%)
- Magenta (3%)
- Yellow (48%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBD471 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 DBD471 by changing the saturation by 10% instead.

 DBD471

 DBD471

FFFFFF

 BEB857

 FFFFA7

 A29E3D


 FFFFC3

 868423

 FFFFDF

 6B6B02

 FFFFFC

 515300

 383C00

 1F2600

 001300

 000000

 DBD471

 DBD471

 DBD35B

 DBD587

 DBD145

 DBD79D

 DBD02F

 DBD8B3

 DBCE19

 DBDAC9

 DBCD03

 DBDBDE

 DBCD00

 DBDDF4

 DBDEFF

 DBE0FF

 DBE1FF

Harmonies

Analogous

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



FFC475



DBD471



A6E088

Triad

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



DBD471



00E6FF



FFAEEE

Complementary

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



DBD471



7178DB

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.



EFBDFF



DBD471



41DDFF

Square

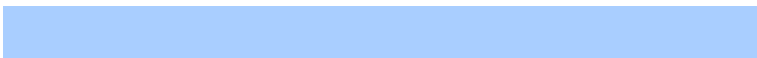
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBD471



00E9E3



A9CEFF



FFAABE

Rectangle

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



DBD471



7DE6A3



A9CEFF



FFB2FD

Sweetspot

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



DBD471



FFCD9



DB7178



807E69



000000



808080

Same Dimension

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



DBD471



FFF56B



ADD871



6E6D63



ADA200



2E2B00

Inverse Universe

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



7178DB



6B75FF



9F71DB



63636E



000BAD



00032E

Previews

White Background



This preview shows how the Hex color DBD471 looks on a white background.

Color Contrast Check

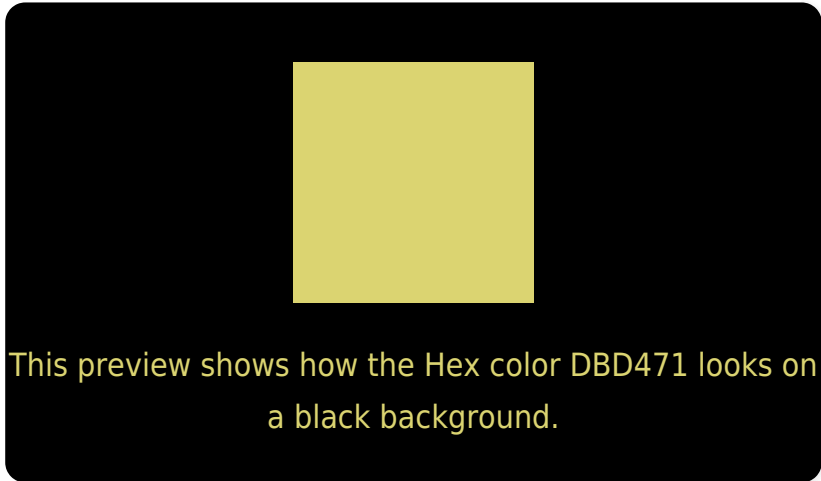
Large Text (above 18pt) WCAG AA × Fail

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 DBD471 Background



This preview shows how black text looks on a background with the Hex color DBD471.



This preview shows how white text looks on a background with the Hex color DBD471.

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
DBD471

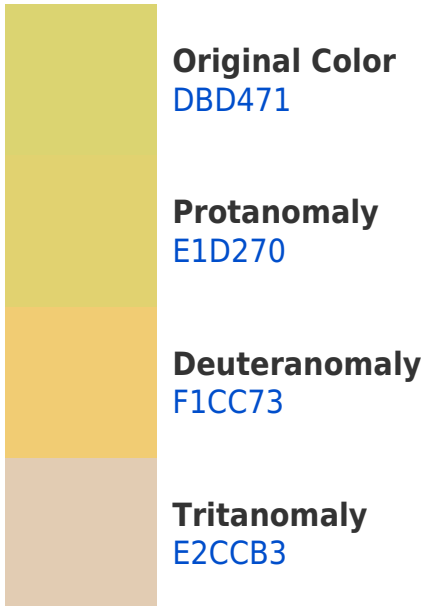
Protanopia
E5D170

Deuteranopia
FEC774

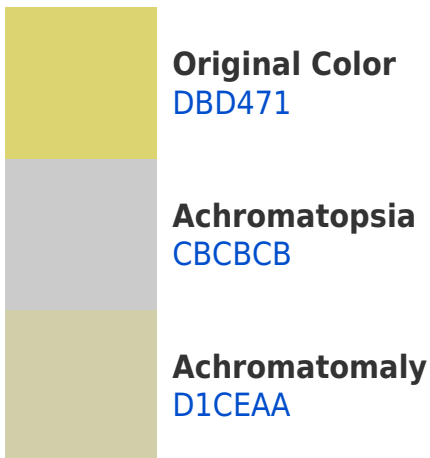


Tritanopia
E6C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBD471 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 #DBD471 looks like.

```
.text, #text, p{  
    color:#DBD471  
}
```

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 #DBD471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD471
}
```

Border

The CSS property to change the border of an element to Hex DBD471 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
#DBD471 }
```

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

```
.border{ border-color:#DBD471 }
```

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

Here you see how a box with a 4 pixel #DBD471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD471; -webkit-box-shadow:4px 4px  
4px 4px #DBD471; box-shadow:4px 4px 4px  
4px #DBD471 }
```

Background

The CSS property to change the background color of an element to Hex DBD471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD471 }
```

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

```
.background{ background-color:#DBD471 }
```

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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