

Converting Colors

Hex(DBD83A)

Have a look what the booklet for
Hex(DBD83A) contains.

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Color

Hex(DBD83A)

Conversions

Conversions Part 1

Format	Color
Hex	DBD83A
RGB	219, 216, 58
RGB Percent	86%, 85%, 23%
CMY	0.1412, 0.1529, 0.7725
CMYK	0.00, 0.01, 0.74, 0.14
HSL	59°, 69%, 54%
HSV	59°, 74%, 86%
XYZ	54.5330, 64.4773, 13.5742
YIQ	198.8850, 52.5060, -48.5020

Conversions

Conversions Part 2

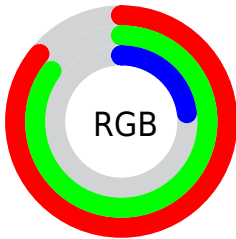
Format	Color
RYB	61, 219, 58
Decimal	14407738
CIELab	84.21, -16.48, 72.87
CIELCh	84, 74.712, 102.744
Yxy	64.4773, 0.4113, 0.4863
Android (android.graphics.Color)	4292597818 (0xFFD83A)
YUV	198.8850, -69.4563, 17.6409
Hunter-Lab	80.2978, -19.2955, 46.1856

Details

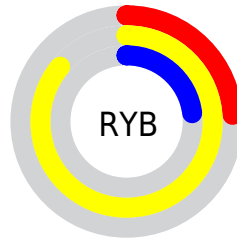
The Hex color **DBD83A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3A3DDB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF74**, and **A0A100** is the 20% darker color. If you saturate the color by 10%, you get **DBD824**, and if you desaturate by 10%, it is **DBD850**.

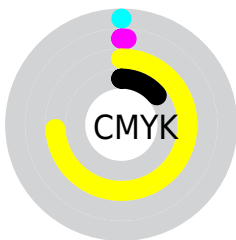
Distribution



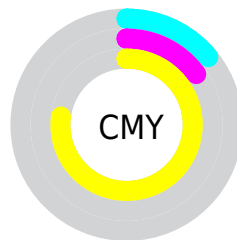
- Red (86%)
- Green (85%)
- Blue (23%)



- Red (24%)
- Yellow (86%)
- Blue (23%)



- Cyan (0%)
- Magenta (1%)
- Yellow (74%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBD83A 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 DBD83A by changing the saturation by 10% instead.

 DBD83A

 DBD83A

FFFFFF

 BDBC14

 FFFF74

 A0A100

 FFFF91

 848700

 FFFFAD

 686E00

 FFFFCA

 4C5600

 FFFFEE7

 313F00

 182900

 001700

 000000

 DBD83A

 DBD83A

 DBD824

 DBD850

 DBD70E

 DBD966

 DBD700

 DBD97C

 DBDA92

 DBDAA8

 DBDABD

 DBDBD3

 DBDBE9

 DBDCFF

Harmonies

Analogous

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



FFC044



DBD83A



8CE864

Triad

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



DBD83A



00F1FF



FF98FE

Complementary

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



DBD83A



3A3DDB

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.



FDB2FF



DBD83A



00E5FF

Square

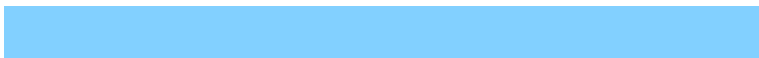
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBD83A



00F4EF



82D0FF



FF91B7

Rectangle

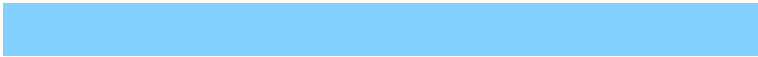
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBD83A



32EF8E



82D0FF



FF9FFF

Sweetspot

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



DBD83A



FFFE07



DB3A3F



807F5E



000000



808080

Same Dimension

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



DBD83A



FFFB1F



90DB3A



6E6D63



ADAA00



2E2D00

Inverse Universe

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



3A3DDB



1F23FF



853ADB



63636E



0003AD



00012E

Previews

White Background



This preview shows how the Hex color DBD83A looks on a white background.

Color Contrast Check

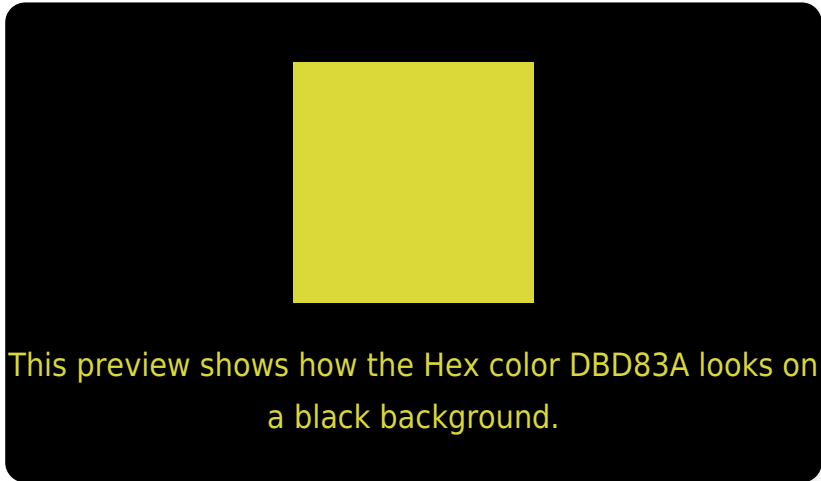
Large Text (above 18pt) WCAG AA × Fail

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 DBD83A Background



This preview shows how black text looks on a background with the Hex color DBD83A.

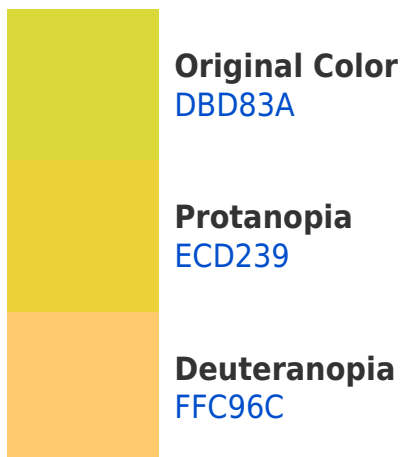


This preview shows how white text looks on a background with the Hex color DBD83A.

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](#).

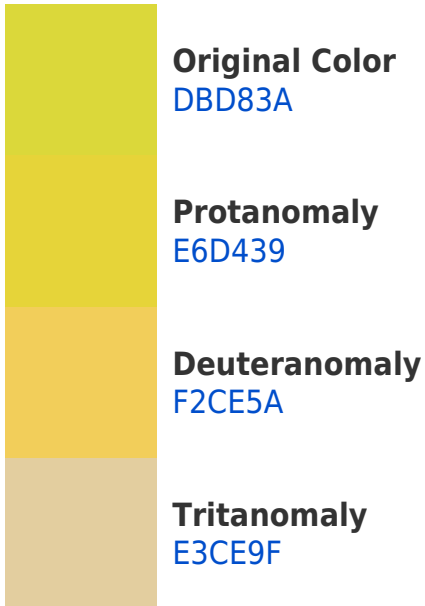
Dichromacy



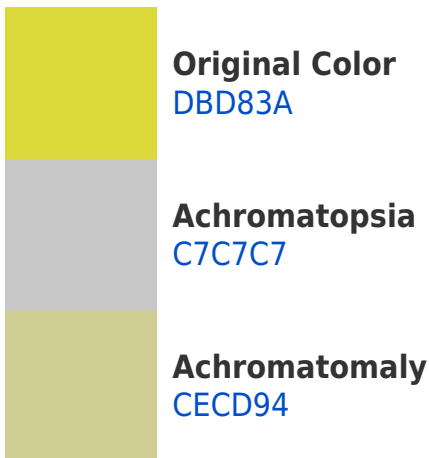


Tritanopia
E8C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBD83A 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 #DBD83A looks like.

```
.text, #text, p{  
    color:#DBD83A  
}
```

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 #DBD83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD83A
}
```

Border

The CSS property to change the border of an element to Hex DBD83A 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
#DBD83A }
```

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

```
.border{ border-color:#DBD83A }
```

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

Here you see how a box with a 4 pixel #DBD83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD83A; -webkit-box-shadow:4px 4px  
4px 4px #DBD83A; box-shadow:4px 4px 4px  
4px #DBD83A }
```

Background

The CSS property to change the background color of an element to Hex DBD83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD83A }
```

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

```
.background{ background-color:#DBD83A }
```

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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