

Converting Colors

Hex(DBDA66)

Have a look what the booklet for
Hex(DBDA66) contains.

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Color

Hex(DBDA66)

Conversions

Conversions Part 1

Format	Color
Hex	DBDA66
RGB	219, 218, 102
RGB Percent	86%, 85%, 40%
CMY	0.1412, 0.1451, 0.6000
CMYK	0.00, 0.00, 0.53, 0.14
HSL	59°, 62%, 63%
HSV	59°, 53%, 86%
XYZ	56.6831, 66.1622, 22.3534
YIQ	205.0750, 37.8320, -35.8640

Conversions

Conversions Part 2

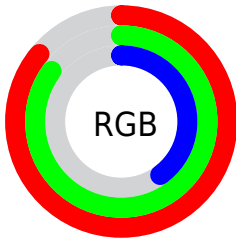
Format	Color
R _{YB}	103, 219, 102
Decimal	14408294
CIE _{Lab}	85.08, -14.82, 56.29
CIE _{LCh}	85, 58.209, 104.752
Yxy	66.1622, 0.3904, 0.4557
Android (android.graphics.Color)	4292598374 (0xFFDBDA66)
YUV	205.0750, -50.8160, 12.2122
Hunter-Lab	81.3401, -17.9549, 40.6444

Details

The Hex color **DBDA66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6667DB**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF9C**, and **A2A330** is the 20% darker color. If you saturate the color by 10%, you get **DBDA50**, and if you desaturate by 10%, it is **DBDA7C**.

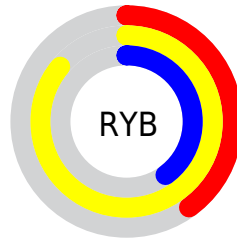
Distribution



Red (86%)

Green (85%)

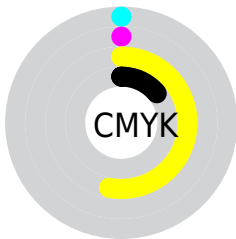
Blue (40%)



Red (40%)

Yellow (86%)

Blue (40%)

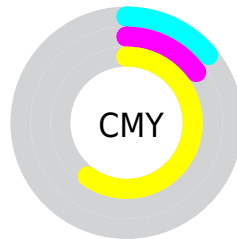


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBDA66 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 DBDA66 by changing the saturation by 10% instead.

 DBDA66

 DBDA66

FFFFFF

 BEBE4B

 FFFF9C

 A2A330

 FFFF88

 868911

 FFFFD4

 6A7000

 FFFFF1

 505800

 364000

 1D2A00

 001800

 000000

 DBDA66

 DBDA66

 DBDA50

 DBDA7C

 DBDA3A

 DBDA92

 DBD924

 DBDBA8

 DBD90E

 DBDBBE

 DBD900

 DBDBD4

 DBDBE9

 DBDBFF

 DBDCFF

Harmonies

Analogous

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



FFC869



DBDA66



9DE784

Triad

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



DBDA66



00EDFF



FFAAF3

Complementary

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



DBDA66



6667DB

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.



FCBBFF



DBDA66



00E2FF

Square

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



DBDA66



00F1EF



AAD1FF



FFA7BB

Rectangle

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



DBDA66



69EDA4



AAD1FF



FFAFFF

Sweetspot

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



DBDA66



FFFFD6



DB6668



807F67



000000



808080

Same Dimension

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



DBDA66



FFFE5C



A2DB66



6E6E63



ADAC00



2E2E00

Inverse Universe

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



6667DB



5C5DFF



9F66DB



63636E



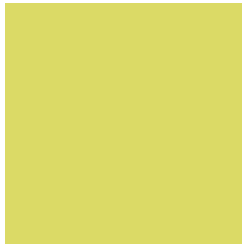
0001AD



00002E

Previews

White Background



This preview shows how the Hex color DBDA66 looks on a white background.

Color Contrast Check

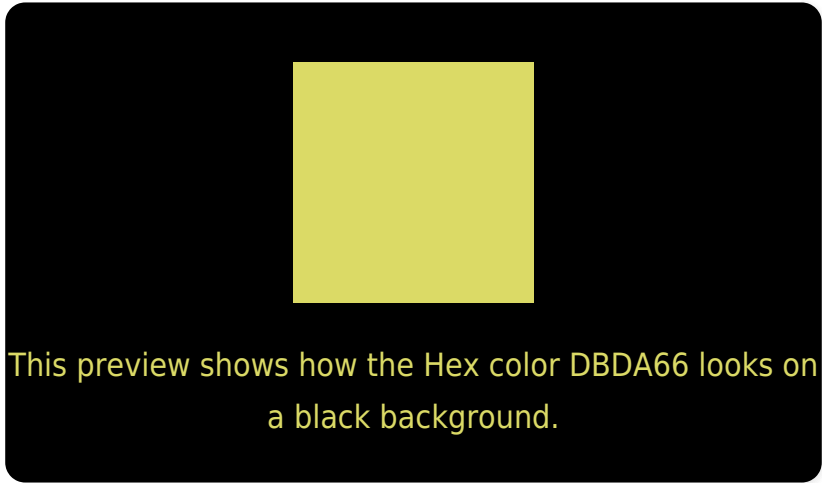
Large Text (above 18pt) WCAG AA × Fail

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 DBDA66 Background



This preview shows how black text looks on a background with the Hex color DBDA66.

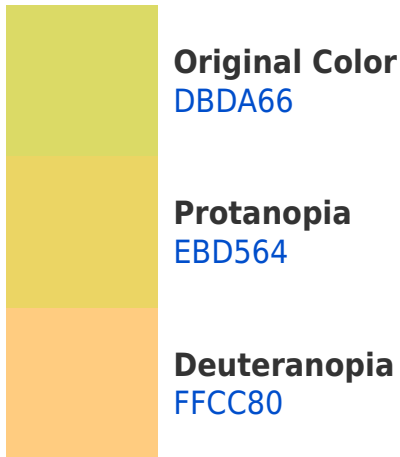


This preview shows how white text looks on a background with the Hex color DBDA66.

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](#).

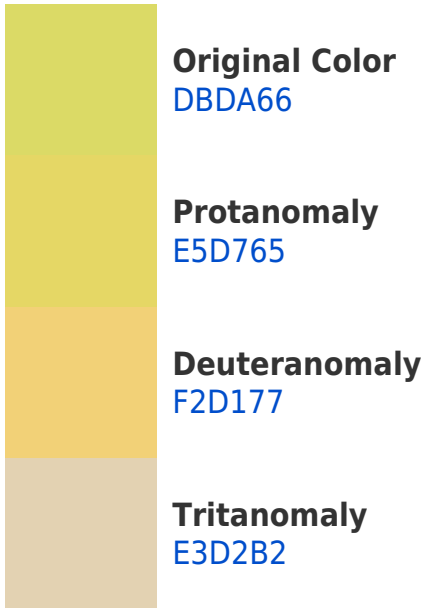
Dichromacy



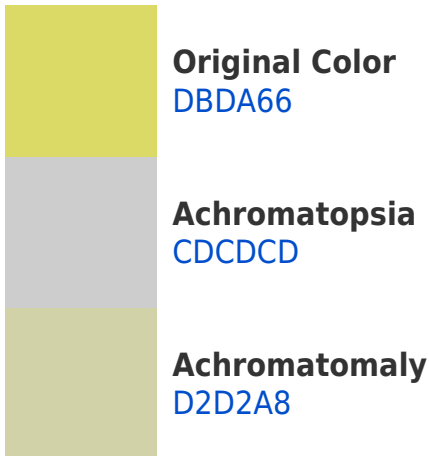


Tritanopia
E7CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBDA66 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 #DBDA66 looks like.

```
.text, #text, p{  
    color:#DBDA66  
}
```

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 #DBDA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBDA66  
}
```

Border

The CSS property to change the border of an element to Hex DBDA66 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  
#DBDA66 }
```

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

```
.border{ border-color:#DBDA66 }
```

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

Here you see how a box with a 4 pixel #DBDA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBDA66; -webkit-box-shadow:4px 4px  
4px 4px #DBDA66; box-shadow:4px 4px 4px  
4px #DBDA66 }
```

Background

The CSS property to change the background color of an element to Hex DBDA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBDA66 }
```

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

```
.background{ background-color:#DBDA66 }
```

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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