

Converting Colors

Hex(D1B862)

Have a look what the booklet for
Hex(D1B862) contains.

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Color

Hex(D1B862)

Conversions

Conversions Part 1

Format	Color
Hex	D1B862
RGB	209, 184, 98
RGB Percent	82%, 72%, 38%
CMY	0.1804, 0.2784, 0.6157
CMYK	0.00, 0.12, 0.53, 0.18
HSL	46°, 55%, 60%
HSV	46°, 53%, 82%
XYZ	45.6396, 48.7181, 18.5533
YIQ	181.6710, 42.5060, -21.4460

Conversions

Conversions Part 2

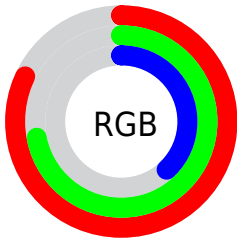
Format	Color
RYB	130, 209, 98
Decimal	13744226
CIELab	75.28, -1.89, 46.49
CIELCh	75, 46.531, 92.333
Yxy	48.7181, 0.4042, 0.4315
Android (android.graphics.Color)	4291934306 (0xFFD1B862)
YUV	181.6710, -41.2498, 23.9675
Hunter-Lab	69.7984, -5.4300, 33.0988

Details

The Hex color **D1B862** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **627BD1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF097**, and **98832F** is the 20% darker color. If you saturate the color by 10%, you get **D1B34D**, and if you desaturate by 10%, it is **D1BD77**.

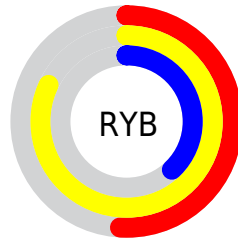
Distribution



Red (82%)

Green (72%)

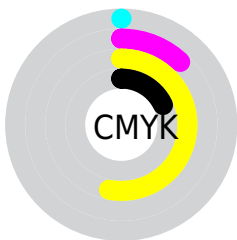
Blue (38%)



Red (51%)

Yellow (82%)

Blue (38%)

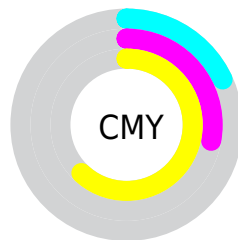


Cyan (0%)

Magenta (12%)

Yellow (53%)

Black (18%)



Cyan (18%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1B862 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 D1B862 by changing the saturation by 10% instead.

 D1B862

 D1B862

FFFFFF

 B49D49

 FFF097

 98832F

 FFFFB2

 7D6A15


 FFFFCE

 625200

 FFFFEB

 483B00

 2E2600

 151200

 000000

 D1B862

 D1B862

 D1B34D

 D1BD77

 D1AF38

 D1C18C

 D1AA23

 D1C6A1

 D1A50E

 D1CBB6

 D1A200

 D1D0CB

 D1D4DF

 D1D9F4

 D1DEFF

 D1E2FF

Harmonies

Analogous

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



F4A96E



D1B862



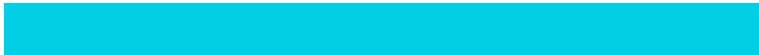
A4C46F

Triad

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



D1B862



00CFE6



F29EE2

Complementary

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



D1B862



627BD1

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.



C2ADFF



D1B862



00C8FF

Square

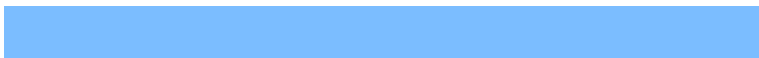
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D1B862



12D0BB



7BBDFE



FF97B8

Rectangle

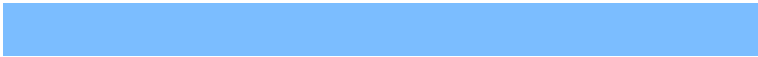
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1B862



82CA83



7BBDFF



E4A2EE

Sweetspot

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



D1B862



FFF6D6



D1627C



807A67



000000



808080

Same Dimension

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



D1B862



FFDA5C



B3D162



69665E



A88200



292000

Inverse Universe

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



627BD1



5C81FF



8062D1



5E6069



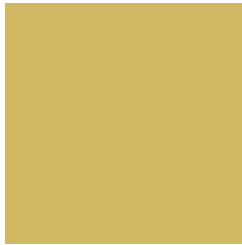
0026A8



000929

Previews

White Background



This preview shows how the Hex color D1B862 looks on a white background.

Color Contrast Check

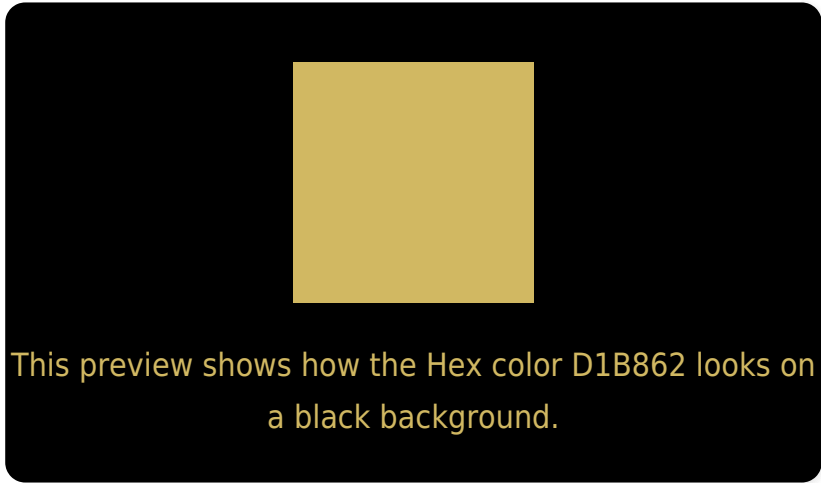
Large Text (above 18pt) WCAG AA × Fail

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 D1B862 Background



This preview shows how black text looks on a background with the Hex color D1B862.

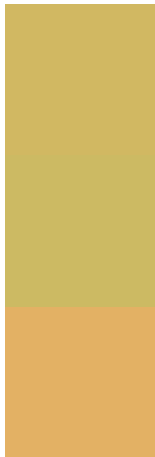


This preview shows how white text looks on a background with the Hex color D1B862.

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
D1B862

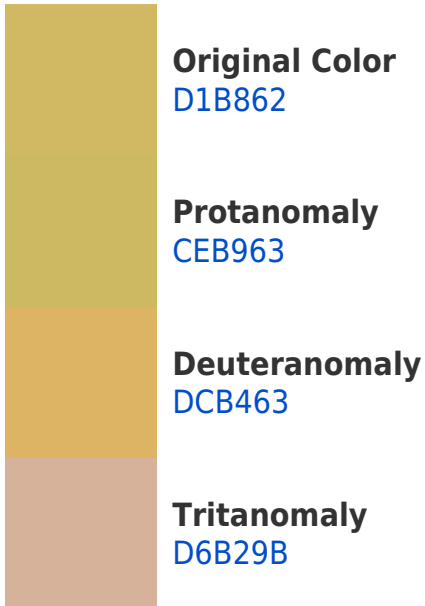
Protanopia
CCBA63

Deuteranopia
E3B164

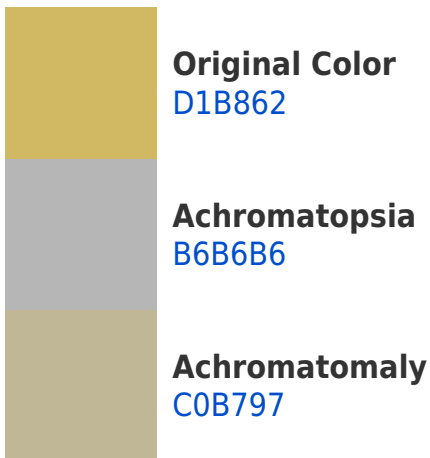


Tritanopia
D9AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1B862 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 #D1B862 looks like.

```
.text, #text, p{  
    color:#D1B862  
}
```

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 #D1B862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1B862
}
```

Border

The CSS property to change the border of an element to Hex D1B862 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
#D1B862 }
```

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

```
.border{ border-color:#D1B862 }
```

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

Here you see how a box with a 4 pixel #D1B862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1B862; -webkit-box-shadow:4px 4px  
4px 4px #D1B862; box-shadow:4px 4px 4px  
4px #D1B862 }
```

Background

The CSS property to change the background color of an element to Hex D1B862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1B862 }
```

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

```
.background{ background-color:#D1B862 }
```

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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