

Converting Colors

Hex(D1BA61)

Have a look what the booklet for
Hex(D1BA61) contains.

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Color

Hex(D1BA61)

Conversions

Conversions Part 1

Format	Color
Hex	D1BA61
RGB	209, 186, 97
RGB Percent	82%, 73%, 38%
CMY	0.1804, 0.2706, 0.6196
CMYK	0.00, 0.11, 0.54, 0.18
HSL	48°, 55%, 60%
HSV	48°, 54%, 82%
XYZ	46.0111, 49.5362, 18.4457
YIQ	182.7310, 42.2770, -22.8030

Conversions

Conversions Part 2

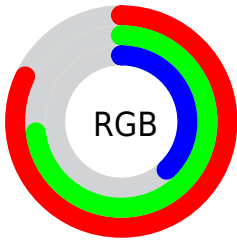
Format	Color
RYB	126, 209, 97
Decimal	13744737
CIELab	75.78, -3.02, 47.58
CIELCh	76, 47.679, 93.637
Yxy	49.5362, 0.4036, 0.4346
Android (android.graphics.Color)	4291934817 (0xFFD1BA61)
YUV	182.7310, -42.2654, 23.0379
Hunter-Lab	70.3819, -6.4769, 33.7287

Details

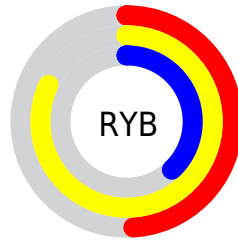
The Hex color **D1BA61** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6178D1**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF296**, and **98852E** is the 20% darker color. If you saturate the color by 10%, you get **D1B64C**, and if you desaturate by 10%, it is **D1BE76**.

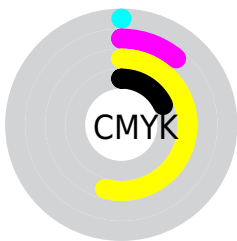
Distribution



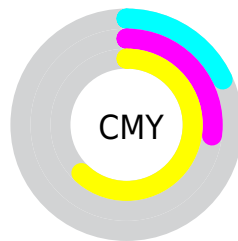
- Red (82%)
- Green (73%)
- Blue (38%)



- Red (49%)
- Yellow (82%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (54%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1BA61 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 D1BA61 by changing the saturation by 10% instead.

 D1BA61

 D1BA61

FFFFFF

 B49F47

 FFF296

 98852E

 FFFFB1

 7D6C13


 FFFFCD

 625400

 FFFFEA

 483D00

 2E2800

 151400

 000000

 D1BA61

 D1BA61

 D1B64C

 D1BE76

 D1B137

 D1C38B

 D1AD22

 D1C7A0

 D1A90D

 D1CBB5

 D1A600

 D1CFCA

 D1D4DE

 D1D8F3

 D1DCFF

 D1E1FF

Harmonies

Analogous

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



F6AA6C



D1BA61



A3C66F

Triad

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



D1BA61



00D0EA



F69EE3

Complementary

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



D1BA61



6178D1

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.



C6ADFF



D1BA61



00CAFF

Square

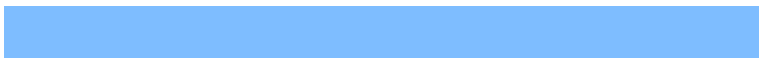
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D1BA61



00D2BF



7EBDFE



FF97B7

Rectangle

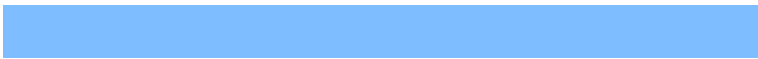
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1BA61



7FCC85



7EBDFE



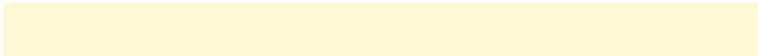
E9A2EF

Sweetspot

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



D1BA61



FFF7D6



D16179



807B67



000000



808080

Same Dimension

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



D1BA61



FFDD5C



B1D161



69665E



A88600



292000

Inverse Universe

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



6178D1



5C7DFF



8161D1



5E6069



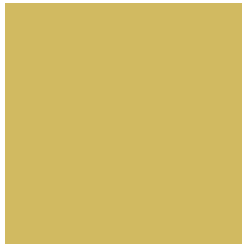
0023A8



000829

Previews

White Background



This preview shows how the Hex color D1BA61 looks on a white background.

Color Contrast Check

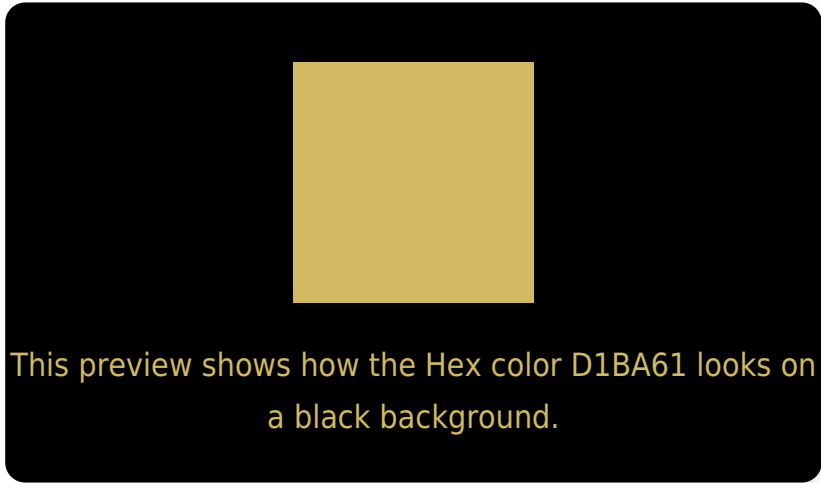
Large Text (above 18pt) WCAG AA × Fail

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

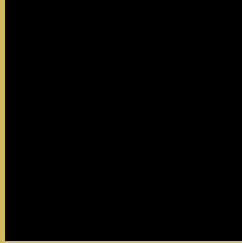
Any Text WCAG AA ✓ Pass

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 D1BA61 Background



This preview shows how black text looks on a background with the Hex color D1BA61.

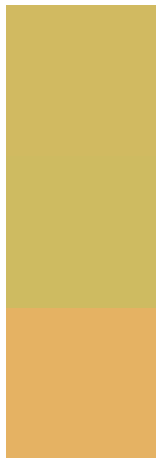


This preview shows how white text looks on a background with the Hex color D1BA61.

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

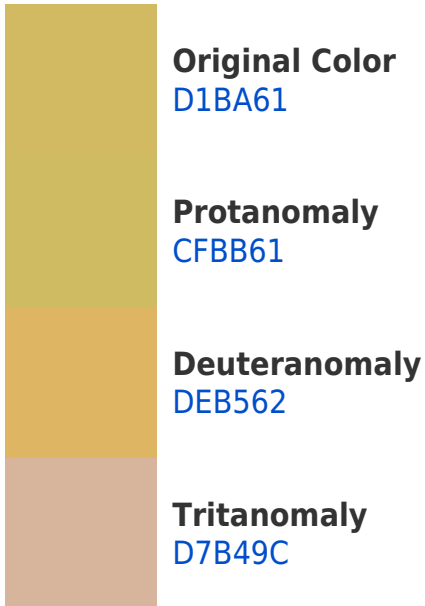


Original Color
D1BA61

Protanopia
CEBB61

Deuteranopia
E5B263

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1BA61 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 #D1BA61 looks like.

```
.text, #text, p{  
    color:#D1BA61  
}
```

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 #D1BA61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1BA61
}
```

Border

The CSS property to change the border of an element to Hex D1BA61 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
#D1BA61 }
```

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

```
.border{ border-color:#D1BA61 }
```

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

Here you see how a box with a 4 pixel #D1BA61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1BA61; -webkit-box-shadow:4px 4px  
4px 4px #D1BA61; box-shadow:4px 4px 4px  
4px #D1BA61 }
```

Background

The CSS property to change the background color of an element to Hex D1BA61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1BA61 }
```

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

```
.background{ background-color:#D1BA61 }
```

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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