

# Converting Colors

Hex(D1BA73)

Have a look what the booklet for  
Hex(D1BA73) contains.

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# **Color**

**Hex(D1BA73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1BA73
RGB	209, 186, 115
RGB Percent	82%, 73%, 45%
CMY	0.1804, 0.2706, 0.5490
CMYK	0.00, 0.11, 0.45, 0.18
HSL	45°, 51%, 64%
HSV	45°, 45%, 82%
XYZ	46.9479, 49.9109, 23.3790
YIQ	184.7830, 36.4990, -17.2050

# Conversions

## Conversions Part 2

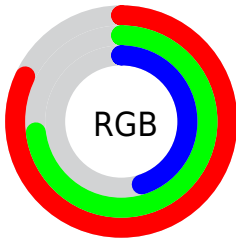
Format	Color
<a href="#">RYB</a>	<a href="#">145, 209, 115</a>
Decimal	<a href="#">13744755</a>
CIELab	<a href="#">76.01, -1.37, 38.88</a>
CIELCh	<a href="#">76, 38.908, 92.022</a>
Yxy	<a href="#">49.9109, 0.3905, 0.4151</a>
Android (android.graphics.Color)	<a href="#">4291934835 (0xFFD1BA73)</a>
YUV	<a href="#">184.7830, -34.4030, 21.2383</a>
Hunter-Lab	<a href="#">70.6477, -5.0137, 29.8329</a>

# Details

The Hex color **D1BA73** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **738AD1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF2A8**, and **998541** is the 20% darker color. If you saturate the color by 10%, you get **D1B55E**, and if you desaturate by 10%, it is **D1BF88**.

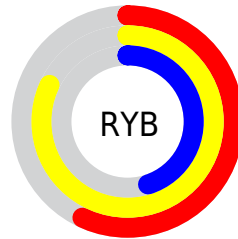
# Distribution



Red (82%)

Green (73%)

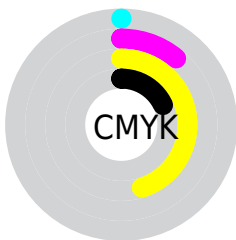
Blue (45%)



Red (57%)

Yellow (82%)

Blue (45%)

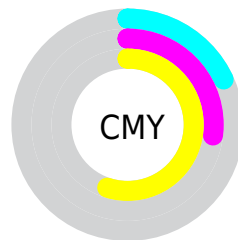


Cyan (0%)

Magenta (11%)

Yellow (45%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1BA73 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 D1BA73 by changing the saturation by 10% instead.



 D1BA73

 D1BA73

FFFFFF

 B59F5A

 FFF2A8

 998541

 FFFFC4


 7E6C29

 FFFFEO

 635410

FFFFFFD

 4A3D00

 312700

 181300

 000000

 D1BA73

 D1BA73

 D1B55E

 D1BF88

 D1B049

 D1C49D

 D1AB34

 D1C9B2

 D1A61F

 D1CEC7

 D1A00A

 D1D4DC

 D19E00

 D1D9F0

 D1DEFF

 D1E3FF

 D1E8FF

# Harmonies

## Analogous

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



EFAE7D



D1BA73



ABC57D

# Triad

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



D1BA73



2DCEE0



EBA5DE

# Complementary

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



D1BA73



738AD1

# 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.



C3B1F8



D1BA73



50C8FA

# Square

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



D1BA73



51CFBD



8CBEFF



FFA0BA

# Rectangle

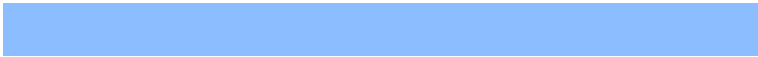
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1BA73



8FCA8E



8CBEFF



E0A9E8



# Sweetspot

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



D1BA73



FFF7DE



D1738B



807B6B



000000



808080



# Same Dimension

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



D1BA73



FFDD75



BAD173



69665E



A87F00



291F00



# Inverse Universe

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



738AD1



7597FF



8B73D1



5E6169



0029A8

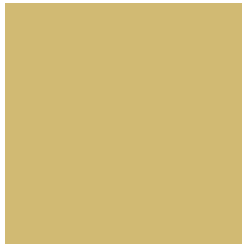


000A29



# Previews

## White Background



This preview shows how the Hex color D1BA73 looks on a white background.

## Color Contrast Check

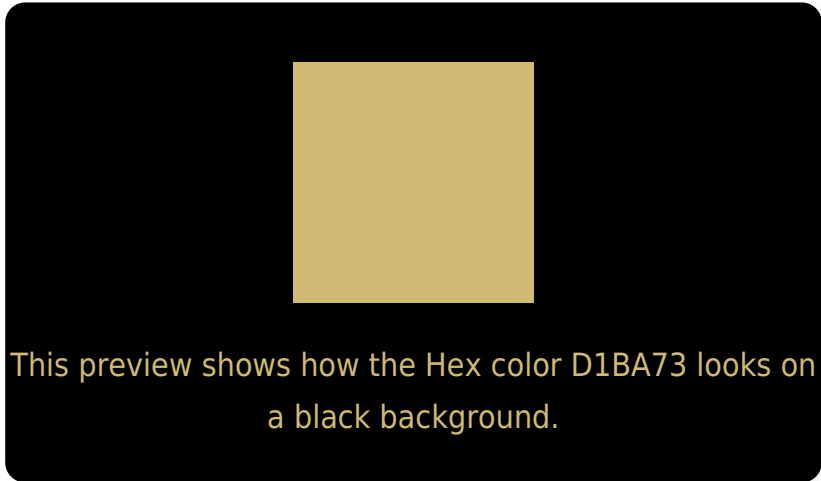
Large Text (above 18pt) WCAG AA × Fail

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 D1BA73 Background



This preview shows how black text looks on a background with the Hex color D1BA73.



This preview shows how white text looks on a background with the Hex color D1BA73.

# 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**  
D1BA73

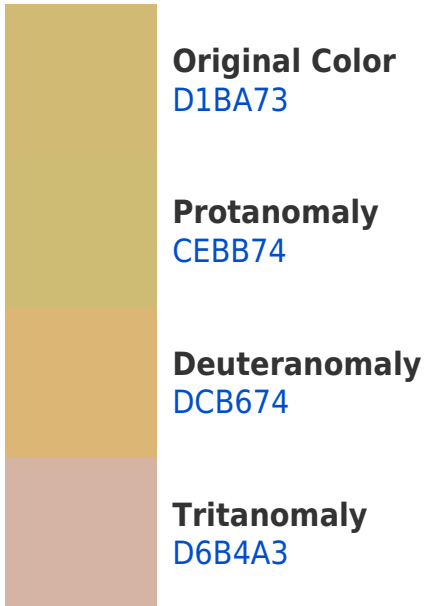
**Protanopia**  
CDBC74

**Deuteranopia**  
E3B375

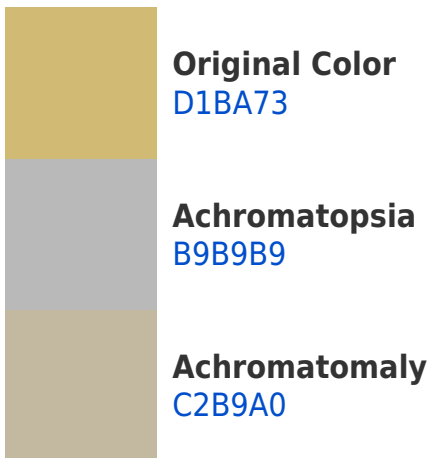


**Tritanopia**  
D9B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1BA73 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 #D1BA73 looks like.

```
.text, #text, p{  
    color:#D1BA73  
}
```

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 #D1BA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1BA73
}
```

## Border

The CSS property to change the border of an element to Hex D1BA73 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
#D1BA73 }
```

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

```
.border{ border-color:#D1BA73 }
```

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

Here you see how a box with a 4 pixel #D1BA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1BA73; -webkit-box-shadow:4px 4px  
4px 4px #D1BA73; box-shadow:4px 4px 4px  
4px #D1BA73 }
```

# Background

The CSS property to change the background color of an element to Hex D1BA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1BA73 }
```

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

```
.background{ background-color:#D1BA73 }
```

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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