

# Converting Colors

Hex(D5BA63)

Have a look what the booklet for  
Hex(D5BA63) contains.

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# **Color**

**Hex(D5BA63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5BA63
RGB	213, 186, 99
RGB Percent	84%, 73%, 39%
CMY	0.1647, 0.2706, 0.6118
CMYK	0.00, 0.13, 0.54, 0.16
HSL	46°, 58%, 61%
HSV	46°, 54%, 84%
XYZ	47.2516, 50.1648, 18.9967
YIQ	184.1550, 44.0190, -21.3330

# Conversions

## Conversions Part 2

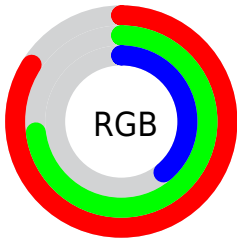
Format	Color
<a href="#">RYB</a>	<a href="#">134, 213, 99</a>
Decimal	<a href="#">14006883</a>
<a href="#">CIELab</a>	<a href="#">76.17, -1.19, 47.16</a>
<a href="#">CIELCh</a>	<a href="#">76, 47.174, 91.450</a>
<a href="#">Yxy</a>	<a href="#">50.1648, 0.4059, 0.4309</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292196963 (0xFFD5BA63)</a>
<a href="#">YUV</a>	<a href="#">184.1550, -41.9814, 25.2971</a>
<a href="#">Hunter-Lab</a>	<a href="#">70.8271, -4.8629, 33.6767</a>

# Details

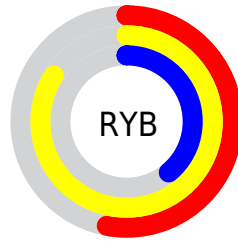
The Hex color **D5BA63** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **637ED5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF298**, and **9C8530** is the 20% darker color. If you saturate the color by 10%, you get **D5B54E**, and if you desaturate by 10%, it is **D5BF78**.

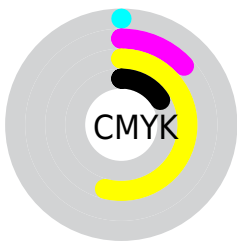
# Distribution



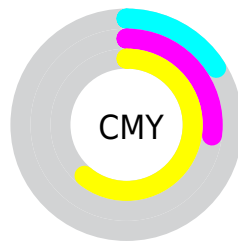
- Red (84%)
- Green (73%)
- Blue (39%)



- Red (53%)
- Yellow (84%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5BA63 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 D5BA63 by changing the saturation by 10% instead.



 D5BA63

 D5BA63

FFFFFF

 B89F4A

 FFF298

 9C8530

 FFFFB3

 806C16

 FFFFCE

 655400

 FFFFEC

 4B3D00

 312800

 191400

 000000

 D5BA63

 D5BA63

 D5B54E

 D5BF78

 D5B038

 D5C48E

 D5AB23

 D5C9A3

 D5A60E

 D5CEB8

 D5A300

 D5D3CE

 D5D8E3

 D5DDF8

 D5E2FF

 D5E7FF

# Harmonies

## Analogous

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



F8AB70



D5BA63



A8C76F

# Triad

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



D5BA63



00D1E8



F4A0E6

# Complementary

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



D5BA63



637ED5

# 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.



C3B0FF



D5BA63



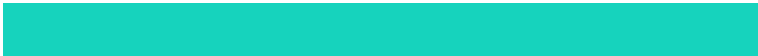
00CBFF

# Square

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



D5BA63



16D3BD



7AC0FF



FF99BB

# Rectangle

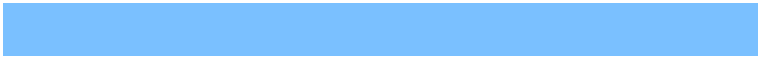
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5BA63



85CD84



7AC0FF



E6A5F3



# Sweetspot

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



D5BA63



FFF5D6



D56380



807A67



000000



808080



# Same Dimension

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



D5BA63



FFD85C



B9D563



6B6960



AB8200



2B2100



# Inverse Universe

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



637ED5



5C82FF



8063D5



60636B



0028AB

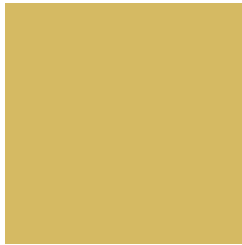


000A2B



# Previews

## White Background



This preview shows how the Hex color D5BA63 looks on a white background.

## Color Contrast Check

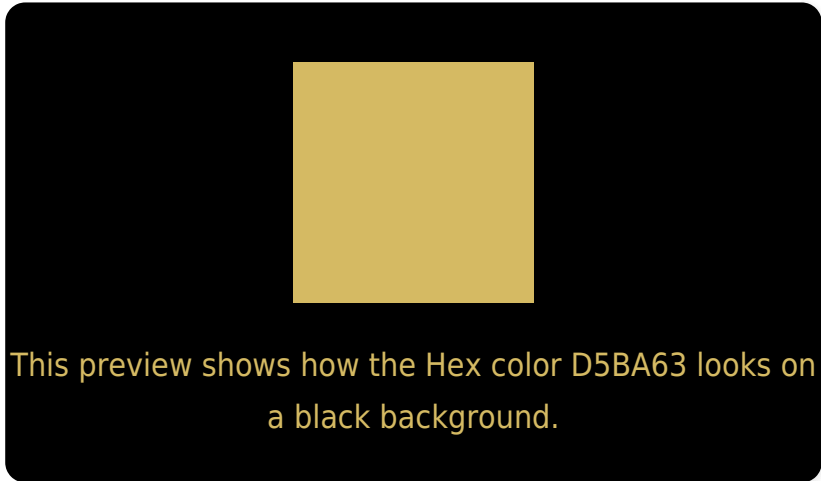
Large Text (above 18pt) WCAG AA × Fail

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 D5BA63 Background



This preview shows how black text looks on a background with the Hex color D5BA63.



This preview shows how white text looks on a background with the Hex color D5BA63.

# 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

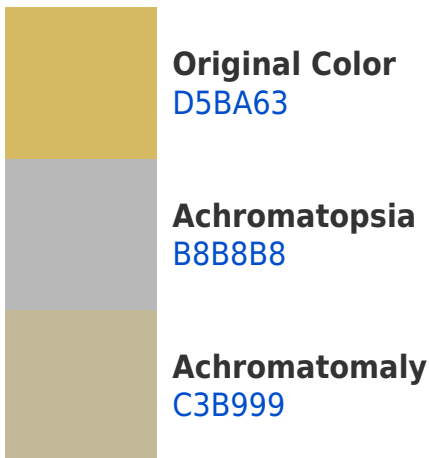




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5BA63 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 #D5BA63 looks like.

```
.text, #text, p{  
    color:#D5BA63  
}
```

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 #D5BA63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5BA63
}
```

## Border

The CSS property to change the border of an element to Hex D5BA63 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
#D5BA63 }
```

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

```
.border{ border-color:#D5BA63 }
```

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

Here you see how a box with a 4 pixel #D5BA63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5BA63; -webkit-box-shadow:4px 4px  
4px 4px #D5BA63; box-shadow:4px 4px 4px  
4px #D5BA63 }
```

# Background

The CSS property to change the background color of an element to Hex D5BA63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5BA63 }
```

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

```
.background{ background-color:#D5BA63 }
```

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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