

Converting Colors

Hex(D5B16D)

Have a look what the booklet for
Hex(D5B16D) contains.

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Color

Hex(D5B16D)

Conversions

Conversions Part 1

Format	Color
Hex	D5B16D
RGB	213, 177, 109
RGB Percent	84%, 69%, 43%
CMY	0.1647, 0.3059, 0.5725
CMYK	0.00, 0.17, 0.49, 0.16
HSL	39°, 55%, 63%
HSV	39°, 49%, 84%
XYZ	45.9230, 46.6945, 21.0605
YIQ	180.0120, 43.2840, -13.5160

Conversions

Conversions Part 2

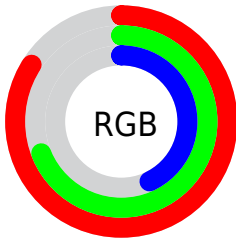
Format	Color
RYB	164, 213, 109
Decimal	14004589
CIELab	73.99, 4.44, 39.50
CIELCh	74, 39.746, 83.587
Yxy	46.6945, 0.4040, 0.4108
Android (android.graphics.Color)	4292194669 (0xFFD5B16D)
YUV	180.0120, -35.0089, 28.9305
Hunter-Lab	68.3334, 0.3763, 29.5600

Details

The Hex color **D5B16D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6D91D5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE9A2**, and **9C7D3B** is the 20% darker color. If you saturate the color by 10%, you get **D5AA58**, and if you desaturate by 10%, it is **D5B882**.

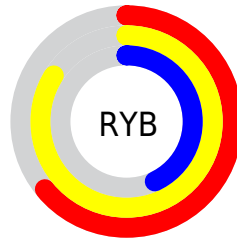
Distribution



Red (84%)

Green (69%)

Blue (43%)



Red (64%)

Yellow (84%)

Blue (43%)

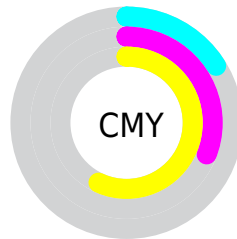


Cyan (0%)

Magenta (17%)

Yellow (49%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5B16D 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 D5B16D by changing the saturation by 10% instead.

 D5B16D

 D5B16D

FFFFFF

 B89654

 FFE9A2

 9C7D3B

 FFFFBD

 816423

 FFFFFD9

 664C09

 FFFFF6

 4C3500

 322000

 1A0A00

 000000

 D5B16D

 D5B16D

 D5AA58

 D5B882

 D5A242

 D5C098

 D59B2D

 D5C7AD

 D59418

 D5CEC2

 D58C02

 D5D6D7

 D58B00

 D5DDED

 D5E5FF

 D5ECFF

 D5F3FF

Harmonies

Analogous

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



F0A47C



D5B16D



B1BD72

Triad

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



D5B16D



1DC9D2



DCA2E2

Complementary

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



D5B16D



6D91D5

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.



AFAFF9



D5B16D



2FC5F0

Square

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



D5B16D



56C9AD



73BCFE



F79ABF

Rectangle

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



D5B16D



95C280



73BCFE



CFA6EB

Sweetspot

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



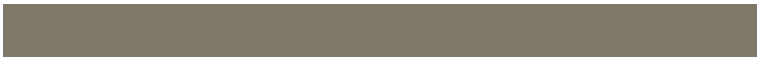
D5B16D



FFF2D9



D56D91



807869



000000



808080

Same Dimension

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



D5B16D



FFCB69



C5D56D



6B6760



AB7000



2B1C00

Inverse Universe

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



6D91D5



699DFF



7D6DD5



60646B



003BAB



000F2B

Previews

White Background



This preview shows how the Hex color D5B16D looks on a white background.

Color Contrast Check

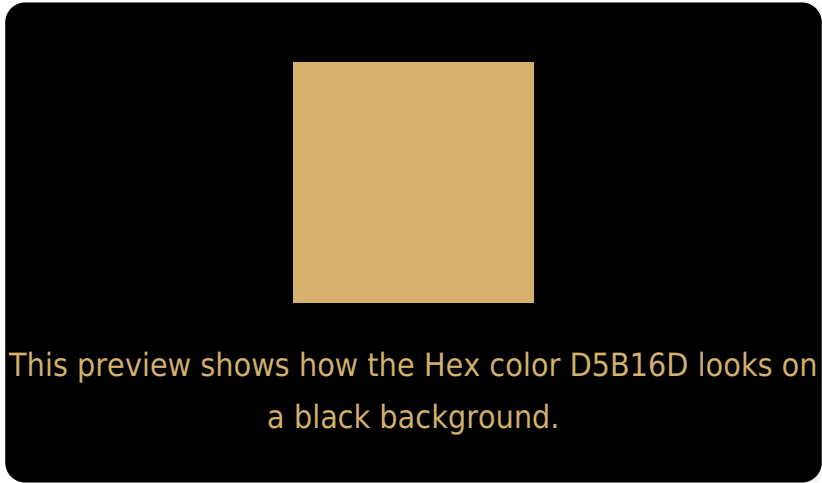
Large Text (above 18pt) WCAG AA × Fail

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 D5B16D Background



This preview shows how black text looks on a background with the Hex color D5B16D.



This preview shows how white text looks on a background with the Hex color D5B16D.

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
D5B16D

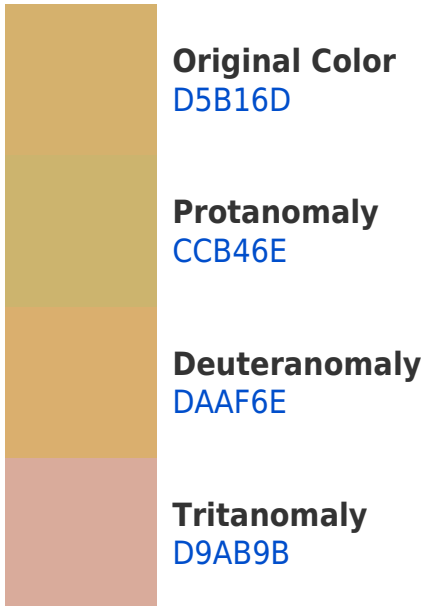
Protanopia
C7B66F

Deuteranopia
DDAE6E



Tritanopia
DCA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5B16D 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 #D5B16D looks like.

```
.text, #text, p{  
    color:#D5B16D  
}
```

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 #D5B16D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5B16D }  
}
```

Border

The CSS property to change the border of an element to Hex D5B16D 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 #D5B16D }  
}
```

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

```
.border{ border-color:#D5B16D }
```

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

Here you see how a box with a 4 pixel #D5B16D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5B16D; -webkit-box-shadow:4px 4px  
4px 4px #D5B16D; box-shadow:4px 4px 4px  
4px #D5B16D }
```

Background

The CSS property to change the background color of an element to Hex D5B16D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5B16D }
```

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

```
.background{ background-color:#D5B16D }
```

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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