

Converting Colors

Hex(D2A45B)

Have a look what the booklet for
Hex(D2A45B) contains.

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Color

Hex(D2A45B)

Conversions

Conversions Part 1

Format	Color
Hex	D2A45B
RGB	210, 164, 91
RGB Percent	82%, 64%, 36%
CMY	0.1765, 0.3569, 0.6431
CMYK	0.00, 0.22, 0.57, 0.18
HSL	37°, 57%, 59%
HSV	37°, 57%, 82%
XYZ	41.7421, 41.0079, 15.6128
YIQ	169.4320, 50.8490, -12.9510

Conversions

Conversions Part 2

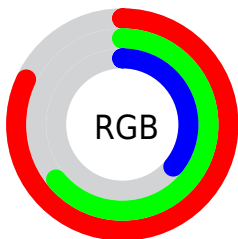
Format	Color
RYB	166, 210, 91
Decimal	13804635
CIELab	70.18, 8.59, 43.91
CIELCh	70, 44.739, 78.936
Yxy	41.0079, 0.4244, 0.4169
Android (android.graphics.Color)	4291994715 (0xFFD2A45B)
YUV	169.4320, -38.6670, 35.5781
Hunter-Lab	64.0374, 4.2880, 30.3708

Details

The Hex color **D2A45B** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5B89D2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDB8F**, and **997029** is the 20% darker color. If you saturate the color by 10%, you get **D29C46**, and if you desaturate by 10%, it is **D2AC70**.

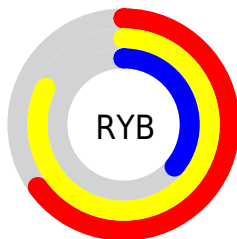
Distribution



Red (82%)

Green (64%)

Blue (36%)



Red (65%)

Yellow (82%)

Blue (36%)

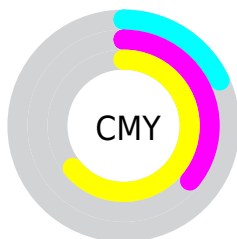


Cyan (0%)

Magenta (22%)

Yellow (57%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2A45B 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 D2A45B by changing the saturation by 10% instead.

 D2A45B

 D2A45B

FFFFFF

 B58A42

 FFDB8F

 997029

 FFF7AA

 7D580F

 FFFFC6

 614100

 FFFFE2

 472B00

 2D1700

 140000

 000000

 D2A45B

 D2A45B

 D29C46

 D2AC70

 D29431

 D2B485

 D28C1C

 D2BC9A

 D28407

 D2C4AF

 D28100

 D2CDC4

 D2D5D9

 D2DDEE

 D2E5FF

 D2EDFF

Harmonies

Analogous

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



EE9670



D2A45B



ABB15D

Triad

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



D2A45B



00C1C5



CF97E1

Complementary

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



D2A45B



5B89D2

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.



98A7F8



D2A45B



00BDE8

Square

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



D2A45B



3FC09B



47B4FB



F08CBC

Rectangle

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



D2A45B



8DB86A



47B4FB



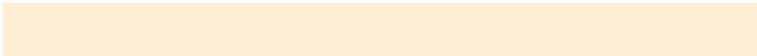
BF9CEB

Sweetspot

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



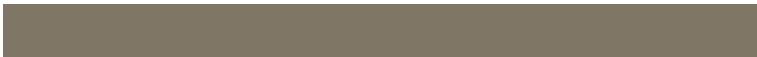
D2A45B



FFEED4



D25B8B



807666



000000



808080

Same Dimension

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



D2A45B



FFBC52



C6D25B



69655E



A86700



291900

Inverse Universe

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



5B89D2



5295FF



675BD2



5E6269



0041A8



001029

Previews

White Background



This preview shows how the Hex color D2A45B looks on a white background.

Color Contrast Check

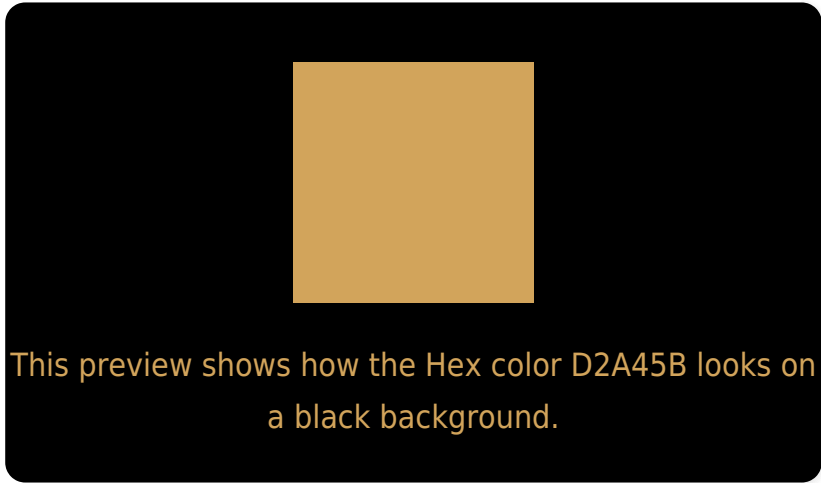
Large Text (above 18pt) WCAG AA × Fail

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 D2A45B Background



This preview shows how black text looks on a background with the Hex color D2A45B.



This preview shows how white text looks on a background with the Hex color D2A45B.

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
D2A45B

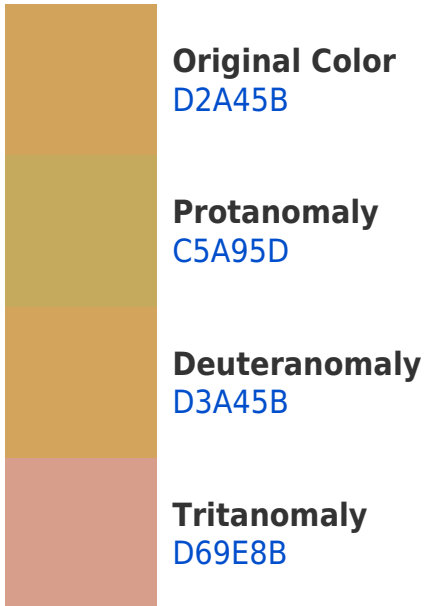
Protanopia
BDAC5E

Deuteranopia
D3A45B

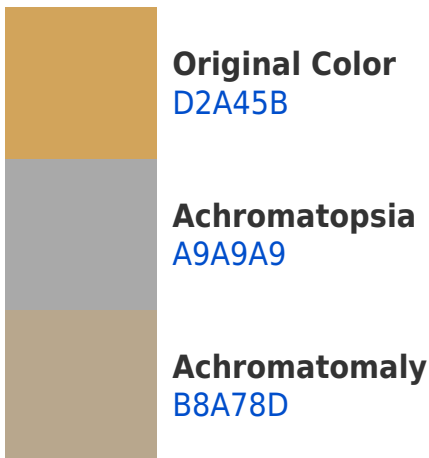


Tritanopia
D89BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2A45B 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 #D2A45B looks like.

```
.text, #text, p{  
    color:#D2A45B  
}
```

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 #D2A45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A45B
}
```

Border

The CSS property to change the border of an element to Hex D2A45B 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
#D2A45B }
```

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

```
.border{ border-color:#D2A45B }
```

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

Here you see how a box with a 4 pixel #D2A45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A45B; -webkit-box-shadow:4px 4px  
4px 4px #D2A45B; box-shadow:4px 4px 4px  
4px #D2A45B }
```

Background

The CSS property to change the background color of an element to Hex D2A45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A45B }
```

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

```
.background{ background-color:#D2A45B }
```

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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