

Converting Colors

Hex(D9B252)

Have a look what the booklet for
Hex(D9B252) contains.

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Color

Hex(D9B252)

Conversions

Conversions Part 1

Format	Color
Hex	D9B252
RGB	217, 178, 82
RGB Percent	85%, 70%, 32%
CMY	0.1490, 0.3020, 0.6784
CMYK	0.00, 0.18, 0.62, 0.15
HSL	43°, 64%, 59%
HSV	43°, 62%, 85%
XYZ	46.0587, 47.2017, 14.6659
YIQ	178.7170, 54.0600, -21.5880

Conversions

Conversions Part 2

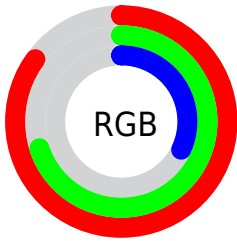
Format	Color
RYB	137, 217, 82
Decimal	14266962
CIELab	74.32, 3.43, 53.20
CIELCh	74, 53.311, 86.316
Yxy	47.2017, 0.4268, 0.4374
Android (android.graphics.Color)	4292457042 (0xFFD9B252)
YUV	178.7170, -47.6815, 33.5742
Hunter-Lab	68.7035, -0.5651, 35.4360

Details

The Hex color **D9B252** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5279D9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE987**, and **9F7E1D** is the 20% darker color. If you saturate the color by 10%, you get **D9AC3C**, and if you desaturate by 10%, it is **D9B868**.

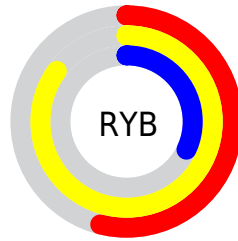
Distribution



Red (85%)

Green (70%)

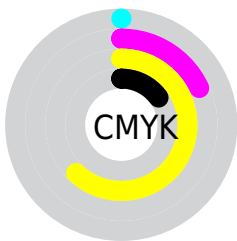
Blue (32%)



Red (54%)

Yellow (85%)

Blue (32%)

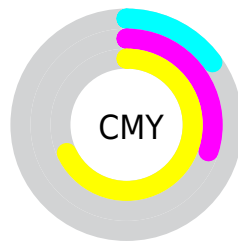


Cyan (0%)

Magenta (18%)

Yellow (62%)

Black (15%)



Cyan (15%)

Magenta (30%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9B252 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 D9B252 by changing the saturation by 10% instead.

 D9B252

 D9B252

FFFFFF

 BC9738

 FFE987

 9F7E1D

 FFFFA2

 836500

 FFFFBE

 674D00

 FFFFDA

 4C3700

 FFFFF7

 322200

 1A0C00

 000000

 D9B252

 D9B252

 D9AC3C

 D9B868

 D9A527

 D9BF7D

 D99F11

 D9C593

 D99A00

 D9CBA9

 D9D1BF

 D9D8D4

 D9DEEA

 D9E4FF

 D9EAFF

Harmonies

Analogous

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



FEA066



D9B252



A8C15B

Triad

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



D9B252



00CFE1



EE99EE

Complementary

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



D9B252



5279D9

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.



B1ACFF



D9B252



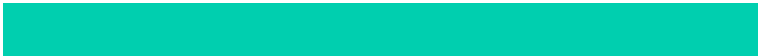
00CAFF

Square

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



D9B252



00CF AF



4CB EFF



FF8 EBF

Rectangle

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



D9B252



82C871



4CBEFF



DD9FFB

Sweetspot

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



D9B252



FFF1CF



D9527B



807762



000000



808080

Same Dimension

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



D9B252



FFC840



BED952



6E6A63



AD7B00



2E2100

Inverse Universe

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



5279D9



4077FF



6D52D9



63666E



0032AD



000D2E

Previews

White Background



This preview shows how the Hex color D9B252 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 D9B252 Background



This preview shows how black text looks on a background with the Hex color D9B252.



This preview shows how white text looks on a background with the Hex color D9B252.

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
D9B252

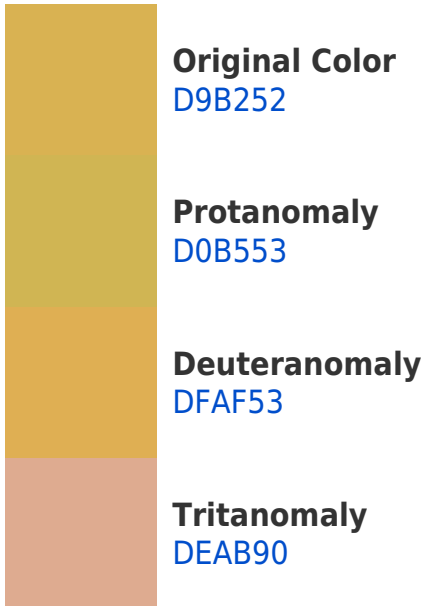
Protanopia
CBB754

Deuteranopia
E2AE53



Tritanopia
E1A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9B252 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 #D9B252 looks like.

```
.text, #text, p{  
    color:#D9B252  
}
```

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 #D9B252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9B252
}
```

Border

The CSS property to change the border of an element to Hex D9B252 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
#D9B252 }
```

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

```
.border{ border-color:#D9B252 }
```

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

Here you see how a box with a 4 pixel #D9B252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9B252; -webkit-box-shadow:4px 4px  
4px 4px #D9B252; box-shadow:4px 4px 4px  
4px #D9B252 }
```

Background

The CSS property to change the background color of an element to Hex D9B252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9B252 }
```

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

```
.background{ background-color:#D9B252 }
```

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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