

Converting Colors

Hex(D9A253)

Have a look what the booklet for
Hex(D9A253) contains.

Hex(D9A253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D9A253)

Conversions

Conversions Part 1

Format	Color
Hex	D9A253
RGB	217, 162, 83
RGB Percent	85%, 64%, 33%
CMY	0.1490, 0.3647, 0.6745
CMYK	0.00, 0.25, 0.62, 0.15
HSL	35°, 64%, 59%
HSV	35°, 62%, 85%
XYZ	43.0969, 41.2169, 13.8678
YIQ	169.4390, 58.1390, -12.9090

Conversions

Conversions Part 2

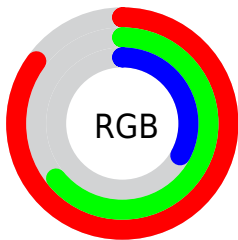
Format	Color
RYB	176, 217, 83
Decimal	14262867
CIELab	70.33, 12.02, 48.21
CIELCh	70, 49.691, 75.998
Yxy	41.2169, 0.4390, 0.4198
Android (android.graphics.Color)	4292452947 (0xFFD9A253)
YUV	169.4390, -42.6144, 41.7110
Hunter-Lab	64.2004, 7.4742, 32.1331

Details

The Hex color **D9A253** 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 **538AD9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD987**, and **9F6F20** is the 20% darker color. If you saturate the color by 10%, you get **D9993D**, and if you desaturate by 10%, it is **D9AB69**.

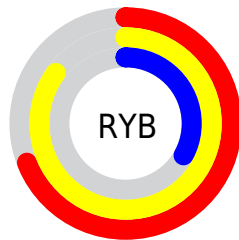
Distribution



Red (85%)

Green (64%)

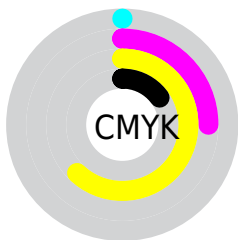
Blue (33%)



Red (69%)

Yellow (85%)

Blue (33%)

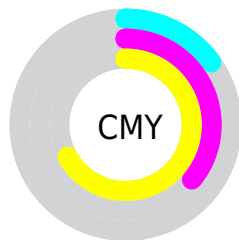


Cyan (0%)

Magenta (25%)

Yellow (62%)

Black (15%)



Cyan (15%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9A253 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 D9A253 by changing the saturation by 10% instead.

 D9A253

 D9A253

FFFFFF

 BC883A

 FFD987

 9F6F20

 FFF5A2

 825602

 FFFFBD

 673F00

 FFFFDA

 4B2900

 FFFFF6

 311500

 1A0000

 000000

 D9A253

 D9A253

 D9993D

 D9AB69

 D99028

 D9B47E

 D98712

 D9BD94

 D98000

 D9C6AA

 D9CFC0

 D9D7D5

 D9E0EB

 D9E9FF

 D9F2FF

Harmonies

Analogous

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



F6926D



D9A253



AFB152

Triad

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



D9A253



00C3C3



CE97EB

Complementary

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



D9A253



538AD9

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.



8DA8FF



D9A253



00C0EC

Square

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



D9A253



30C295



00B7FF



F589C3

Rectangle

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



D9A253



8FB960



00B7FF



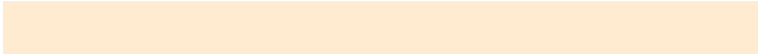
BC9DF5

Sweetspot

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



D9A253



FFEBCF



D9538B



807362



000000



808080

Same Dimension

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



D9A253



FFB242



CED953



6E6963



AD6600



2E1B00

Inverse Universe

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



538AD9



4290FF



5E53D9



63676E



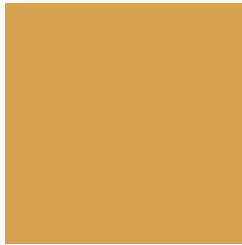
0047AD



00132E

Previews

White Background



This preview shows how the Hex color D9A253 looks on a white background.

Color Contrast Check

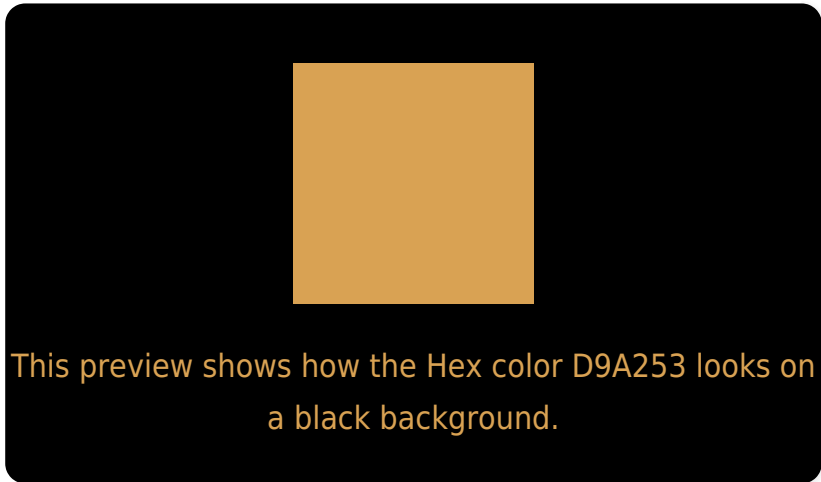
Large Text (above 18pt) WCAG AA × Fail

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

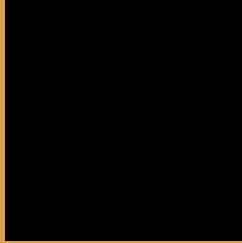
Any Text WCAG AA ✓ Pass

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 D9A253 Background



This preview shows how black text looks on a background with the Hex color D9A253.



This preview shows how white text looks on a background with the Hex color D9A253.

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
D9A253

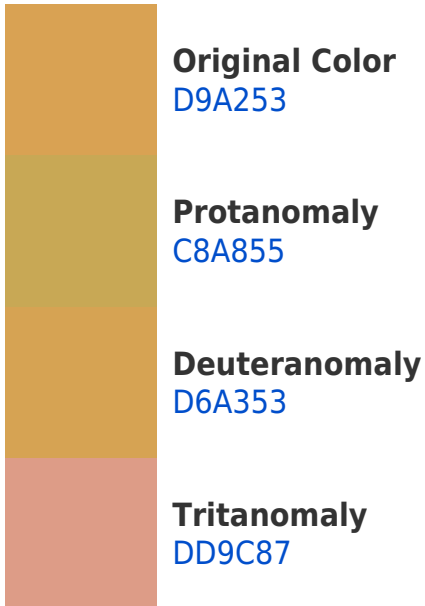
Protanopia
BEAC56

Deuteranopia
D4A453

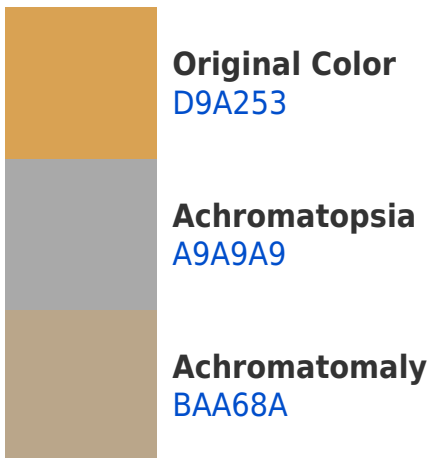


Tritanopia
DF99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9A253 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 #D9A253 looks like.

```
.text, #text, p{  
    color:#D9A253  
}
```

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 #D9A253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A253
}
```

Border

The CSS property to change the border of an element to Hex D9A253 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
#D9A253 }
```

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

```
.border{ border-color:#D9A253 }
```

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

Here you see how a box with a 4 pixel #D9A253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A253; -webkit-box-shadow:4px 4px  
4px 4px #D9A253; box-shadow:4px 4px 4px  
4px #D9A253 }
```

Background

The CSS property to change the background color of an element to Hex D9A253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A253 }
```

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

```
.background{ background-color:#D9A253 }
```

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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