

Converting Colors

Hex(D9A327)

Have a look what the booklet for
Hex(D9A327) contains.

Hex(D9A327)	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(D9A327)

Conversions

Conversions Part 1

Format	Color
Hex	D9A327
RGB	217, 163, 39
RGB Percent	85%, 64%, 15%
CMY	0.1490, 0.3608, 0.8471
CMYK	0.00, 0.25, 0.82, 0.15
HSL	42°, 70%, 50%
HSV	42°, 82%, 85%
XYZ	42.0787, 41.0926, 7.6333
YIQ	165.0100, 71.9880, -27.1160

Conversions

Conversions Part 2

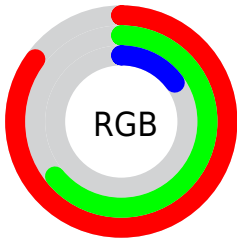
Format	Color
RYB	117, 217, 39
Decimal	14263079
CIELab	70.24, 9.35, 66.22
CIELCh	70, 66.880, 81.965
Yxy	41.0926, 0.4634, 0.4525
Android (android.graphics.Color)	4292453159 (0xFFD9A327)
YUV	165.0100, -62.1229, 45.5952
Hunter-Lab	64.1035, 4.9894, 37.8123

Details

The Hex color **D9A327** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **275DD9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDA60**, and **9D7000** is the 20% darker color. If you saturate the color by 10%, you get **D99C11**, and if you desaturate by 10%, it is **D9AA3D**.

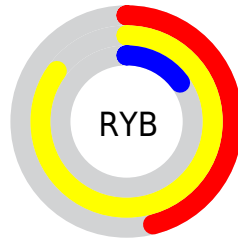
Distribution



Red (85%)

Green (64%)

Blue (15%)



Red (46%)

Yellow (85%)

Blue (15%)

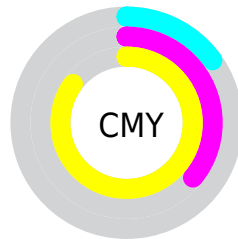


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (15%)



Cyan (15%)

Magenta (36%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9A327 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 D9A327 by changing the saturation by 10% instead.

 D9A327

 D9A327

FFFFFF

 BB8900

 FFDA60

 9D7000

 FFF67B

 805700

 FFFF97

 644000

 FFFFB3

 482B00

 FFFFCF

 2E1600

 FFFFEC

 160000

 000000

 D9A327

 D9A327

 D99C11

 D9AA3D

 D99700

 D9B052

 D9B768

 D9BD7E

 D9C493

 D9CAA9

 D9D1BF

 D9D8D5

 D9DEEA

Harmonies

Analogous

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



FF8B4D



D9A327



A0B62E

Triad

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



D9A327



00C9D7



E588F7

Complementary

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



D9A327



275DD9

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.



8EA2FF



D9A327



00C4FF

Square

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



D9A327



00C899



00B7FF



FF74BF

Rectangle

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



D9A327



71BF4B



00B7FF



CE91FF

Sweetspot

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



D9A327



FFECBF



D9275F



807459



000000



808080

Same Dimension

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



D9A327



FFB305



B8D927



6E6A63



AD7900



2E2000

Inverse Universe

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



275DD9



0551FF



4827D9



63666E



0035AD



000E2E

Previews

White Background



This preview shows how the Hex color D9A327 looks on a white background.

Color Contrast Check

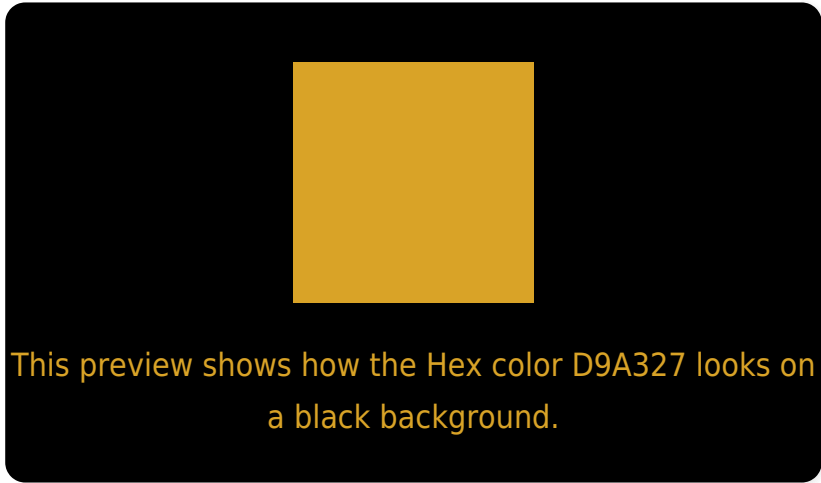
Large Text (above 18pt) WCAG AA × Fail

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 D9A327 Background



This preview shows how black text looks on a background with the Hex color D9A327.



This preview shows how white text looks on a background with the Hex color D9A327.

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
D9A327

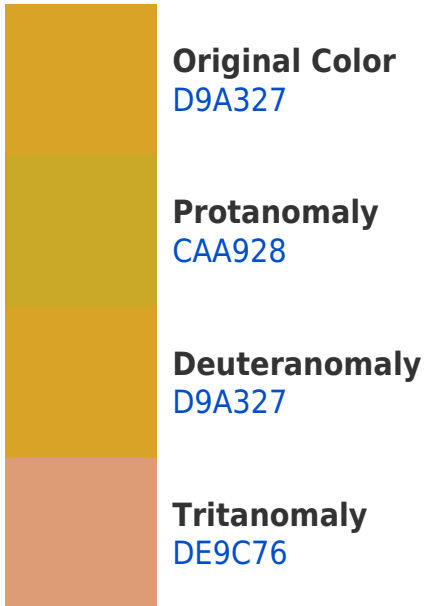
Protanopia
C1AC29

Deuteranopia
D9A327

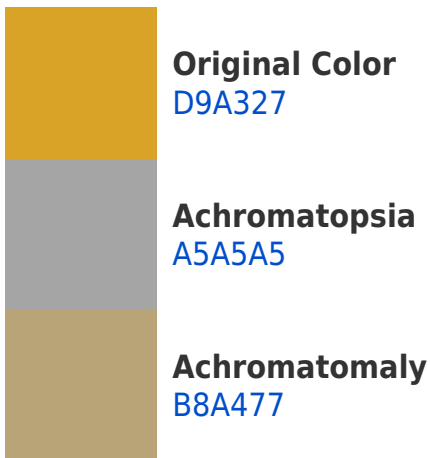


Tritanopia
E198A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9A327 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 #D9A327 looks like.

```
.text, #text, p{  
    color:#D9A327  
}
```

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 #D9A327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A327
}
```

Border

The CSS property to change the border of an element to Hex D9A327 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
#D9A327 }
```

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

```
.border{ border-color:#D9A327 }
```

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

Here you see how a box with a 4 pixel #D9A327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A327; -webkit-box-shadow:4px 4px  
4px 4px #D9A327; box-shadow:4px 4px 4px  
4px #D9A327 }
```

Background

The CSS property to change the background color of an element to Hex D9A327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A327 }
```

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

```
.background{ background-color:#D9A327 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor