

Converting Colors

Hex(D9981A)

Have a look what the booklet for
Hex(D9981A) contains.

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Color

Hex(D9981A)

Conversions

Conversions Part 1

Format	Color
Hex	D9981A
RGB	217, 152, 26
RGB Percent	85%, 60%, 10%
CMY	0.1490, 0.4039, 0.8980
CMYK	0.00, 0.30, 0.88, 0.15
HSL	40°, 79%, 48%
HSV	40°, 88%, 85%
XYZ	40.0300, 37.2828, 6.0638
YIQ	157.0710, 79.1860, -25.4060

Conversions

Conversions Part 2

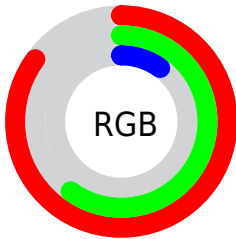
Format	Color
RYB	125, 217, 26
Decimal	14260250
CIELab	67.49, 14.92, 67.57
CIElCh	67, 69.198, 77.546
Yxy	37.2828, 0.4801, 0.4472
Android (android.graphics.Color)	4292450330 (0xFFD9981A)
YUV	157.0710, -64.6180, 52.5577
Hunter-Lab	61.0596, 10.1682, 36.8537

Details

The Hex color **D9981A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1A5BD9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCE56**, and **9D6500** is the 20% darker color. If you saturate the color by 10%, you get **D99104**, and if you desaturate by 10%, it is **D99F30**.

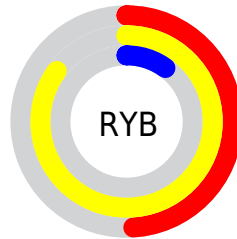
Distribution



Red (85%)

Green (60%)

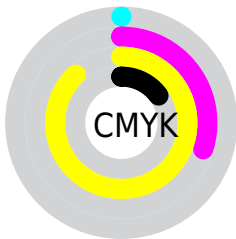
Blue (10%)



Red (49%)

Yellow (85%)

Blue (10%)

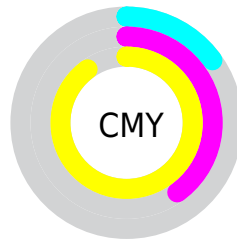


Cyan (0%)

Magenta (30%)

Yellow (88%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9981A 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 D9981A by changing the saturation by 10% instead.

 D9981A

 D9981A

FFFFFF

 BB7E00

 FFCE56

 9D6500

 FFEA71

 7F4D00

 FFFF8D

 623700

 FFFFA9

 472100

 FFFFC5

 2D0D00

 FFFF8D

 0B0000

 000000

 D9981A

 D9981A

 D99104

 D99F30

 D98F00

 D9A745

 D9AE5B

 D9B671

 D9BD86

 D9C49C

 D9CCB2

 D9D3C8

 D9DADD

Harmonies

Analogous

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



FF7E4A



D9981A



A1AC17

Triad

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



D9981A



00C2C8



D583F9

Complementary

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



D9981A



1A5BD9

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.



6F9FFF



D9981A



00BEFF

Square

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



D9981A



00C087



00B3FF



FF6BC1

Rectangle

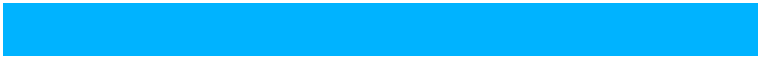
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9981A



72B638



00B3FF



BB8DFF

Sweetspot

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



D9981A



FFE8BD



D91A5D



807258



000000



808080

Same Dimension

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



D9981A



FFA800



BCD91A



6E6A63



AD7200



2E1E00

Inverse Universe

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



1A5BD9



0057FF



371AD9



63666E



003BAD



00102E

Previews

White Background



This preview shows how the Hex color D9981A looks on a white background.

Color Contrast Check

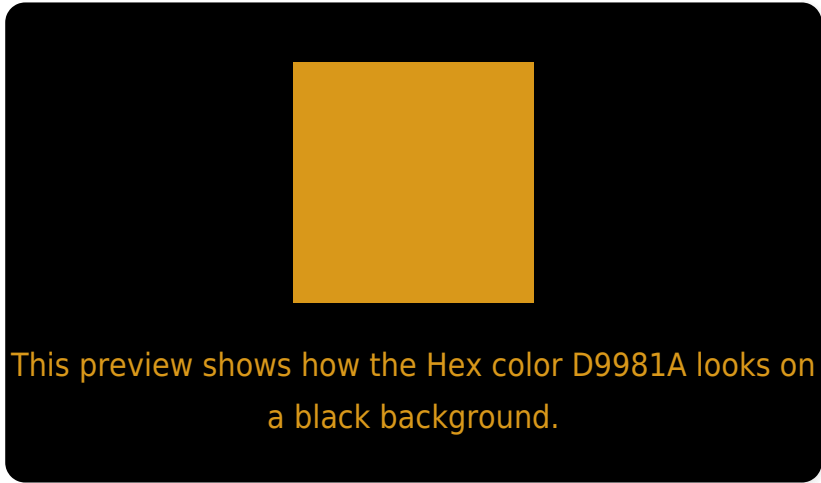
Large Text (above 18pt) WCAG AA × Fail

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 D9981A Background



This preview shows how black text looks on a background with the Hex color D9981A.



This preview shows how white text looks on a background with the Hex color D9981A.

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
D9981A

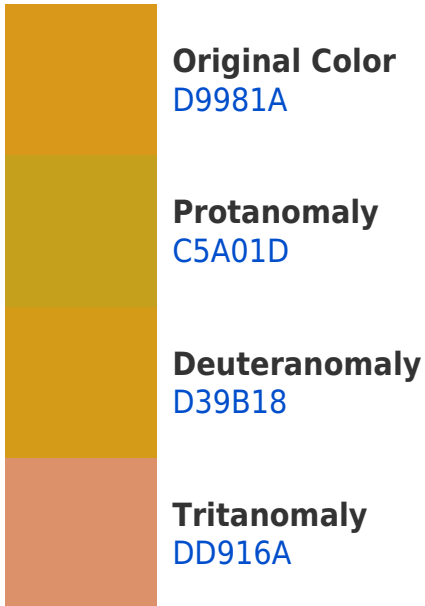
Protanopia
B9A51E

Deuteranopia
D09C17

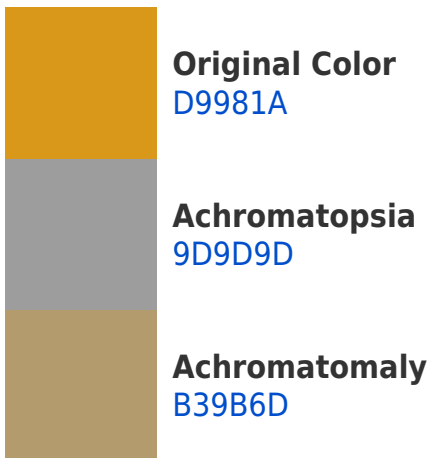


Tritanopia
E08D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9981A 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 #D9981A looks like.

```
.text, #text, p{  
    color:#D9981A  
}
```

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 #D9981A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9981A
}
```

Border

The CSS property to change the border of an element to Hex D9981A 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
#D9981A }
```

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

```
.border{ border-color:#D9981A }
```

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

Here you see how a box with a 4 pixel #D9981A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9981A; -webkit-box-shadow:4px 4px  
4px 4px #D9981A; box-shadow:4px 4px 4px  
4px #D9981A }
```

Background

The CSS property to change the background color of an element to Hex D9981A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9981A }
```

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

```
.background{ background-color:#D9981A }
```

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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