

Converting Colors

Hex(D1A81A)

Have a look what the booklet for
Hex(D1A81A) contains.

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Color

Hex(D1A81A)

Conversions

Conversions Part 1

Format	Color
Hex	D1A81A
RGB	209, 168, 26
RGB Percent	82%, 66%, 10%
CMY	0.1804, 0.3412, 0.8980
CMYK	0.00, 0.20, 0.88, 0.18
HSL	47°, 78%, 46%
HSV	47°, 88%, 82%
XYZ	40.4836, 41.6352, 6.8800
YIQ	164.0710, 70.0180, -35.4700

Conversions

Conversions Part 2

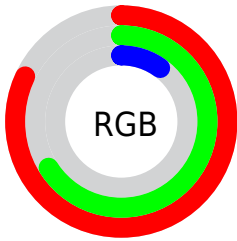
Format	Color
RYB	79, 209, 26
Decimal	13740058
CIELab	70.62, 2.84, 69.68
CIELCh	71, 69.741, 87.664
Yxy	41.6352, 0.4549, 0.4678
Android (android.graphics.Color)	4291930138 (0xFFD1A81A)
YUV	164.0710, -68.0690, 39.4027
Hunter-Lab	64.5253, -0.9273, 38.8460

Details

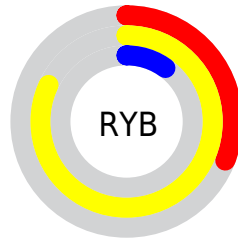
The Hex color **D1A81A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1A43D1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDF58**, and **967400** is the 20% darker color. If you saturate the color by 10%, you get **D1A305**, and if you desaturate by 10%, it is **D1AD2F**.

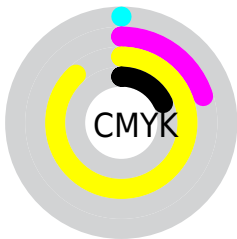
Distribution



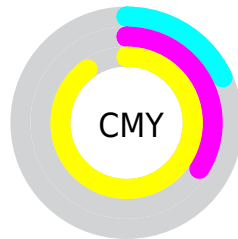
- Red (82%)
- Green (66%)
- Blue (10%)



- Red (31%)
- Yellow (82%)
- Blue (10%)



- Cyan (0%)
- Magenta (20%)
- Yellow (88%)
- Black (18%)



- Cyan (18%)
- Magenta (34%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1A81A 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 D1A81A by changing the saturation by 10% instead.

 D1A81A

 D1A81A

FFFFFF

 B38E00

 FFDF58

 967400

 FFFB74

 795C00

 FFFF90

 5D4500

 FFFFAC

 422F00

 FFFFC8

 281B00

 FFFF E5

 0B0000

 000000

 D1A81A

 D1A81A

 D1A305

 D1AD2F

 D1A200

 D1B144

 D1B659

 D1BB6E

 D1BF83

 D1C497

 D1C9AC

 D1CDC1

 D1D2D6

Harmonies

Analogous

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



FF8F40



D1A81A



93BA2F

Triad

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



D1A81A



00CAE6



F582F2

Complementary

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



D1A81A



1A43D1

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.



A39EFF



D1A81A



00C4FF

Square

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



D1A81A



00CAA6



00B6FF



FF6FB4

Rectangle

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



D1A81A



5DC252



00B6FF



DF8BFF

Sweetspot

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



D1A81A



FFF0BD



D11A45



807758



000000



808080

Same Dimension

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



D1A81A



FFC600



A0D11A



69665E



A88300



292000

Inverse Universe

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



1A43D1



0039FF



4B1AD1



5E6069



0026A8



000929

Previews

White Background



This preview shows how the Hex color D1A81A looks on a white background.

Color Contrast Check

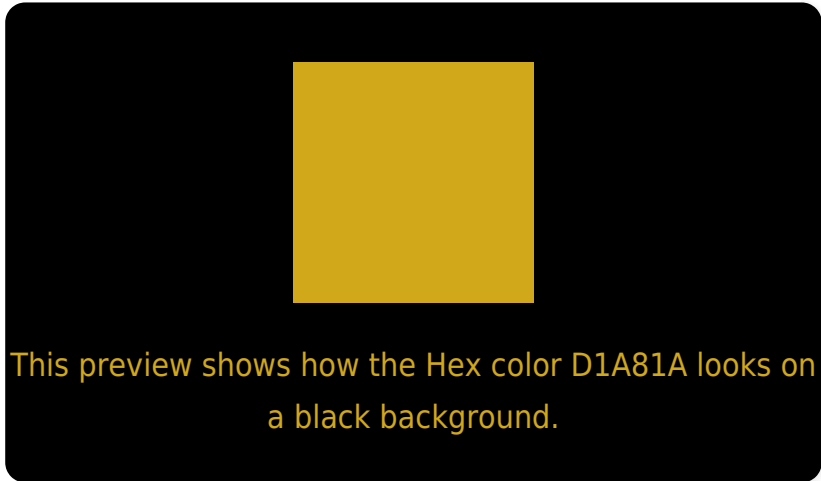
Large Text (above 18pt) WCAG AA × Fail

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 D1A81A Background



This preview shows how black text looks on a background with the Hex color D1A81A.



This preview shows how white text looks on a background with the Hex color D1A81A.

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
D1A81A

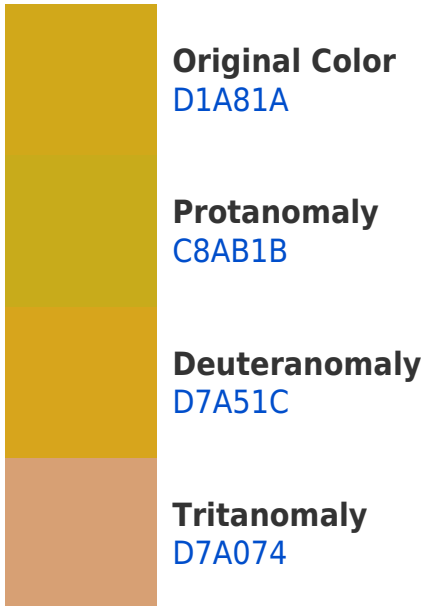
Protanopia
C3AD1C

Deuteranopia
DAA41D

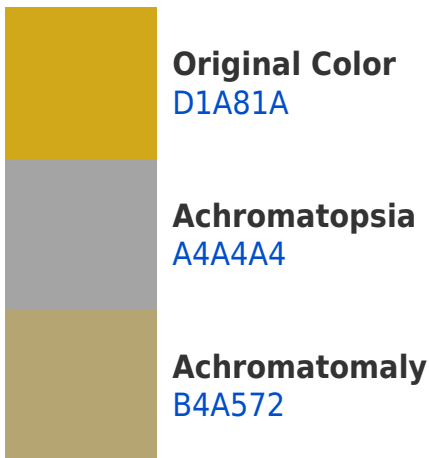


Tritanopia
DA9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1A81A 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 #D1A81A looks like.

```
.text, #text, p{  
    color:#D1A81A  
}
```

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 #D1A81A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1A81A
}
```

Border

The CSS property to change the border of an element to Hex D1A81A 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
#D1A81A }
```

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

```
.border{ border-color:#D1A81A }
```

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

Here you see how a box with a 4 pixel #D1A81A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1A81A; -webkit-box-shadow:4px 4px  
4px 4px #D1A81A; box-shadow:4px 4px 4px  
4px #D1A81A }
```

Background

The CSS property to change the background color of an element to Hex D1A81A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1A81A }
```

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

```
.background{ background-color:#D1A81A }
```

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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