

Converting Colors

Hex(D9A31A)

Have a look what the booklet for
Hex(D9A31A) contains.

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Color

Hex(D9A31A)

Conversions

Conversions Part 1

Format	Color
Hex	D9A31A
RGB	217, 163, 26
RGB Percent	85%, 64%, 10%
CMY	0.1490, 0.3608, 0.8980
CMYK	0.00, 0.25, 0.88, 0.15
HSL	43°, 79%, 48%
HSV	43°, 88%, 85%
XYZ	41.8989, 41.0207, 6.6868
YIQ	163.5280, 76.1610, -31.1590

Conversions

Conversions Part 2

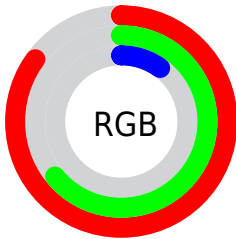
Format	Color
RYB	101, 217, 26
Decimal	14263066
CIELab	70.19, 9.02, 69.70
CIELCh	70, 70.279, 82.624
Yxy	41.0207, 0.4676, 0.4578
Android (android.graphics.Color)	4292453146 (0xFFD9A31A)
YUV	163.5280, -67.8013, 46.8949
Hunter-Lab	64.0474, 4.6893, 38.6431

Details

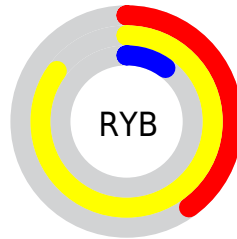
The Hex color **D9A31A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1A50D9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFDA57**, and **9D7000** is the 20% darker color. If you saturate the color by 10%, you get **D99D04**, and if you desaturate by 10%, it is **D9A930**.

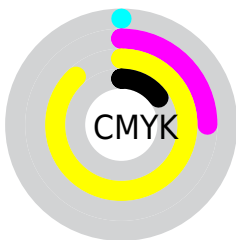
Distribution



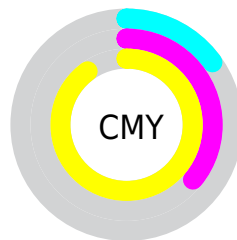
- Red (85%)
- Green (64%)
- Blue (10%)



- Red (40%)
- Yellow (85%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9A31A 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 D9A31A by changing the saturation by 10% instead.

 D9A31A

 D9A31A

FFFFFF

 BB8900

 FFDA57

 9D7000

 FFF673

 805700

 FFFF8F

 634000

 FFFFAB

 482B00

 FFFFC8

 2E1600

 FFFF8E

 150000

 000000

 D9A31A

 D9A31A

 D99D04

 D9A930

 D99C00

 D9AF45

 D9B55B

 D9BC71

 D9C286

 D9C89C

 D9CEB2

 D9D4C8

 D9DADD

Harmonies

Analogous

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



FF8946



D9A31A



9DB725

Triad

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



D9A31A



00CADB



E985FA

Complementary

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



D9A31A



1A50D9

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.



8EA1FF



D9A31A



00C5FF

Square

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



D9A31A



00C999



00B8FF



FF6FBE

Rectangle

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



D9A31A



6AC046



00B8FF



D18EFF

Sweetspot

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



D9A31A



FFECBD



D91A50



807458



000000



808080

Same Dimension

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



D9A31A



FFB700



B0D91A



6E6B63



AD7C00



2E2100

Inverse Universe

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



1A50D9



0048FF



431AD9



63666E



0031AD



000D2E

Previews

White Background



This preview shows how the Hex color D9A31A looks on a white background.

Color Contrast Check

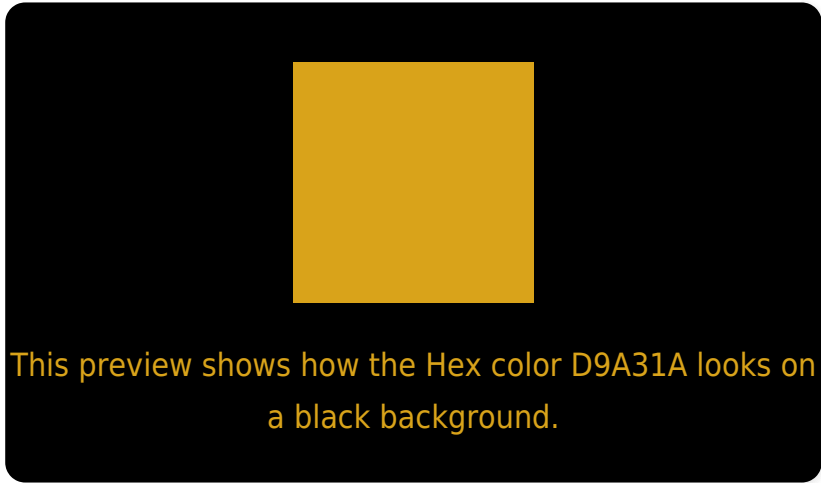
Large Text (above 18pt) WCAG AA × Fail

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 D9A31A Background



This preview shows how black text looks on a background with the Hex color D9A31A.



This preview shows how white text looks on a background with the Hex color D9A31A.

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
D9A31A

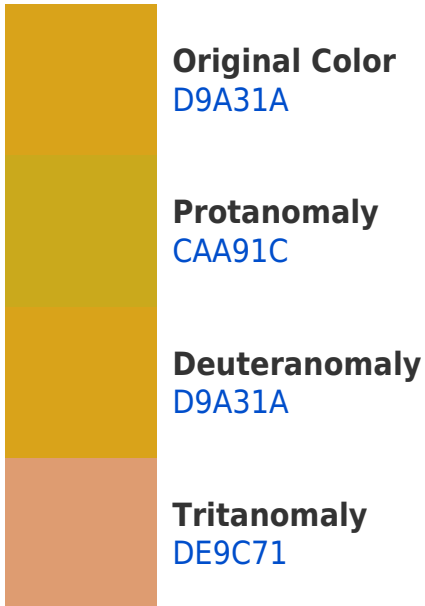
Protanopia
C2AC1D

Deuteranopia
D9A31A

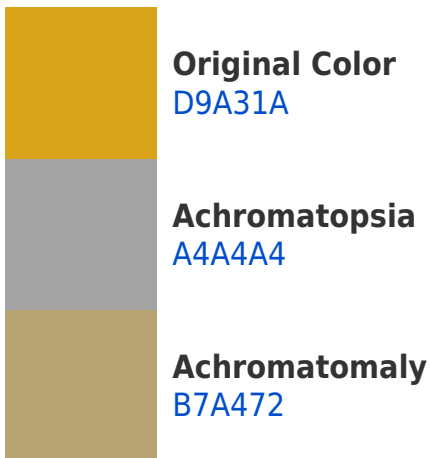


Tritanopia
E198A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9A31A 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 #D9A31A looks like.

```
.text, #text, p{  
    color:#D9A31A  
}
```

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 #D9A31A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9A31A
}
```

Border

The CSS property to change the border of an element to Hex D9A31A 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
#D9A31A }
```

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

```
.border{ border-color:#D9A31A }
```

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

Here you see how a box with a 4 pixel #D9A31A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9A31A; -webkit-box-shadow:4px 4px  
4px 4px #D9A31A; box-shadow:4px 4px 4px  
4px #D9A31A }
```

Background

The CSS property to change the background color of an element to Hex D9A31A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9A31A }
```

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

```
.background{ background-color:#D9A31A }
```

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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