

Converting Colors

Hex(D19A31)

Have a look what the booklet for
Hex(D19A31) contains.

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Color

Hex(D19A31)

Conversions

Conversions Part 1

Format	Color
Hex	D19A31
RGB	209, 154, 49
RGB Percent	82%, 60%, 19%
CMY	0.1804, 0.3961, 0.8078
CMYK	0.00, 0.26, 0.77, 0.18
HSL	39°, 63%, 51%
HSV	39°, 77%, 82%
XYZ	38.4045, 36.8883, 8.0017
YIQ	158.4750, 66.4850, -20.9950

Conversions

Conversions Part 2

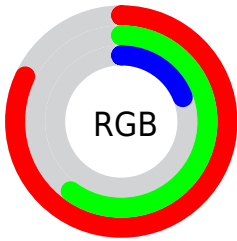
Format	Color
R _Y B	133, 209, 49
Decimal	13736497
CIE Lab	67.19, 11.05, 59.66
CIE LCh	67, 60.679, 79.504
Yxy	36.8883, 0.4611, 0.4429
Android (android.graphics.Color)	4291926577 (0xFFD19A31)
YUV	158.4750, -53.9712, 44.3104
Hunter-Lab	60.7357, 6.5818, 34.7037

Details

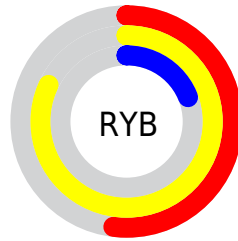
The Hex color **D19A31** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3168D1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD067**, and **966700** is the 20% darker color. If you saturate the color by 10%, you get **D1931C**, and if you desaturate by 10%, it is **D1A146**.

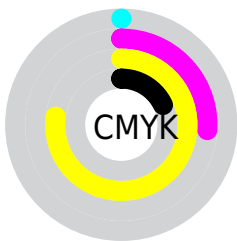
Distribution



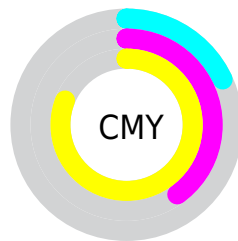
- Red (82%)
- Green (60%)
- Blue (19%)



- Red (52%)
- Yellow (82%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D19A31 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 D19A31 by changing the saturation by 10% instead.

 D19A31

 D19A31

FFFFFF

 B38012

 FFD067

 966700

 FFEC81

 794F00

 FFFF9D

 5D3900

 FFFFB9

 422300

 FFFFD5

 280F00

 FFFFF2

 000000

 D19A31

 D19A31

 D1931C

 D1A146

 D18C07

 D1A85B

 D18900

 D1B070

 D1B785

 D1BE9A

 D1C5AE

 D1CCC3

 D1D3D8

 D1DBED

Harmonies

Analogous

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



F68552



D19A31



9EAC33

Triad

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



D19A31



00BEC6



D386EB

Complementary

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



D19A31



3168D1

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.



829DFF



D19A31



00BAF6

Square

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



D19A31



00BD8E



00AFFF



FD74B9

Rectangle

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



D19A31



75B44A



00AFFF



BD8EF8

Sweetspot

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



D19A31



FFEBC4



D13169



80735C



000000



808080

Same Dimension

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



D19A31



FFAE14



B9D131



69655E



A86E00



291B00

Inverse Universe

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



3168D1



1465FF



4931D1



5E6269



003AA8



000E29

Previews

White Background



This preview shows how the Hex color D19A31 looks on a white background.

Color Contrast Check

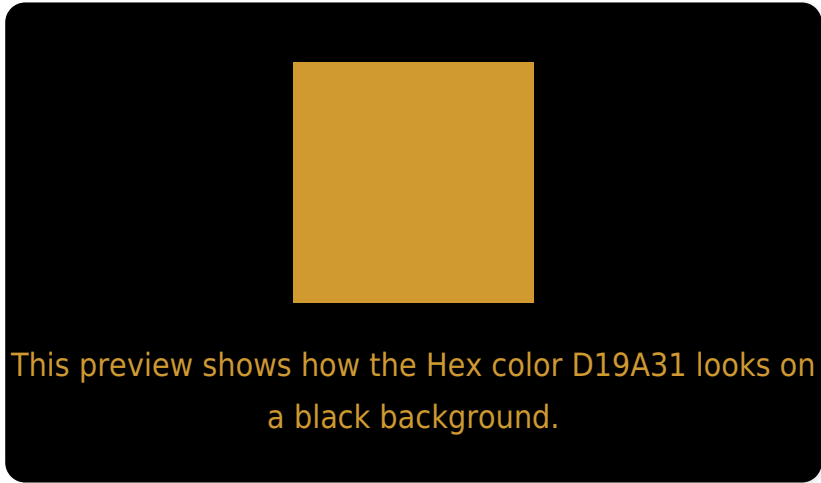
Large Text (above 18pt) WCAG AA × Fail

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 D19A31 Background



This preview shows how black text looks on a background with the Hex color D19A31.



This preview shows how white text looks on a background with the Hex color D19A31.

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
D19A31

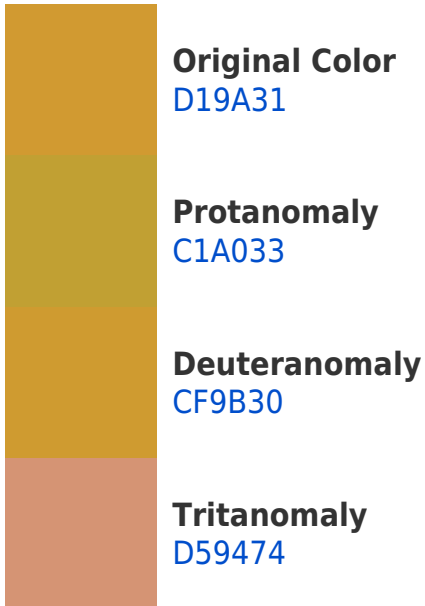
Protanopia
B8A434

Deuteranopia
CE9C30

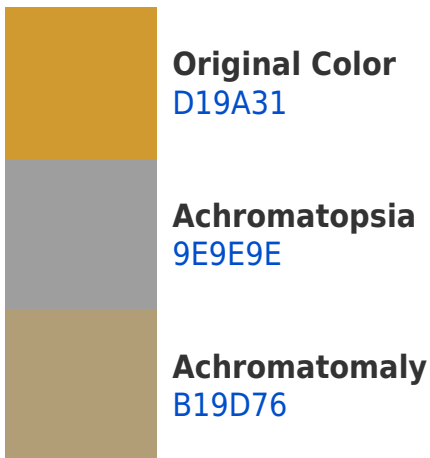


Tritanopia
D8909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D19A31 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 #D19A31 looks like.

```
.text, #text, p{  
    color:#D19A31  
}
```

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 #D19A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19A31  
}
```

Border

The CSS property to change the border of an element to Hex D19A31 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  
#D19A31 }
```

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

```
.border{ border-color:#D19A31 }
```

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

Here you see how a box with a 4 pixel #D19A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19A31; -webkit-box-shadow:4px 4px  
4px 4px #D19A31; box-shadow:4px 4px 4px  
4px #D19A31 }
```

Background

The CSS property to change the background color of an element to Hex D19A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19A31 }
```

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

```
.background{ background-color:#D19A31 }
```

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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