

Converting Colors

Hex(DFA931)

Have a look what the booklet for
Hex(DFA931) contains.

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Color

Hex(DFA931)

Conversions

Conversions Part 1

Format	Color
Hex	DFA931
RGB	223, 169, 49
RGB Percent	87%, 66%, 19%
CMY	0.1255, 0.3373, 0.8078
CMYK	0.00, 0.24, 0.78, 0.13
HSL	41°, 73%, 53%
HSV	41°, 78%, 87%
XYZ	45.1738, 44.2857, 9.0728
YIQ	171.4660, 70.7040, -25.8720

Conversions

Conversions Part 2

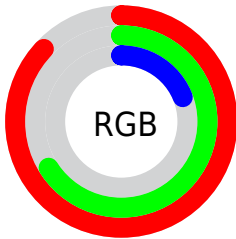
Format	Color
RYB	127, 223, 49
Decimal	14657841
CIELab	72.42, 9.08, 65.09
CIELCh	72, 65.722, 82.057
Yxy	44.2857, 0.4585, 0.4495
Android (android.graphics.Color)	4292847921 (0xFFDFA931)
YUV	171.4660, -60.3757, 45.1953
Hunter-Lab	66.5475, 4.7113, 38.4999

Details

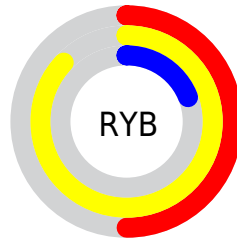
The Hex color **DFA931** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **3167DF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE068**, and **A37500** is the 20% darker color. If you saturate the color by 10%, you get **DFA21B**, and if you desaturate by 10%, it is **DFB047**.

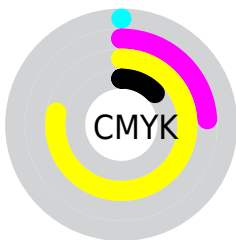
Distribution



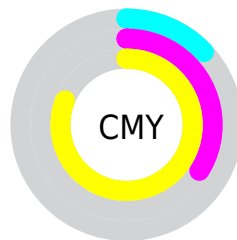
- Red (87%)
- Green (66%)
- Blue (19%)



- Red (50%)
- Yellow (87%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFA931 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 DFA931 by changing the saturation by 10% instead.

 DFA931

 DFA931

FFFFFF

 C18F0E

 FFE068

 A37500

 FFFD84

 865D00

 FFFF9F

 6A4500

 FFFFBB

 4E2F00

 FFFFD8

 331B00

 FFFFF5

 1C0100

 000000

 DFA931

 DFA931

 DFA21B

 DFB047

 DF9B04

 DFB75E

 DF9A00

 DFBE74

 DFC58A

 DFCCA1

 DFD3B7

 DFD9CD

 DFE0E3

 DFE7FA

Harmonies

Analogous

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



FF9154



DFA931



A6BC38

Triad

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



DFA931



00CEDD



EB8FFC

Complementary

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



DFA931



3167DF

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.



96A8FF



DFA931



00CAFF

Square

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



DFA931



00CE9F



00BDFE



FF7CC4

Rectangle

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



DFA931



78C453



00BDFF



D497FF

Sweetspot

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



DFA931



FFEDC4



DF3168



80745C



000000



808080

Same Dimension

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



DFA931



FFB50F



BFD331



706D65



B07900



302100

Inverse Universe

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



3167DF



0F5AFF



5131DF



656870



0037B0



000F30

Previews

White Background



This preview shows how the Hex color DFA931 looks on a white background.

Color Contrast Check

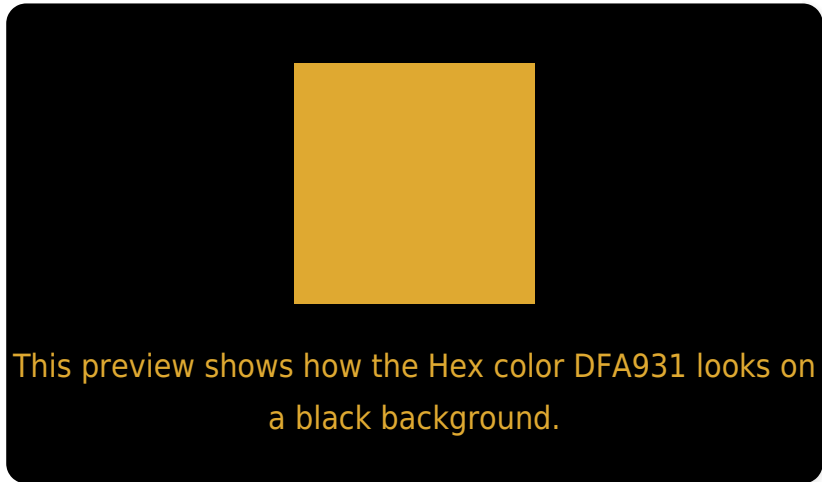
Large Text (above 18pt) WCAG AA × Fail

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 DFA931 Background



This preview shows how black text looks on a background with the Hex color DFA931.



This preview shows how white text looks on a background with the Hex color DFA931.

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
DFA931

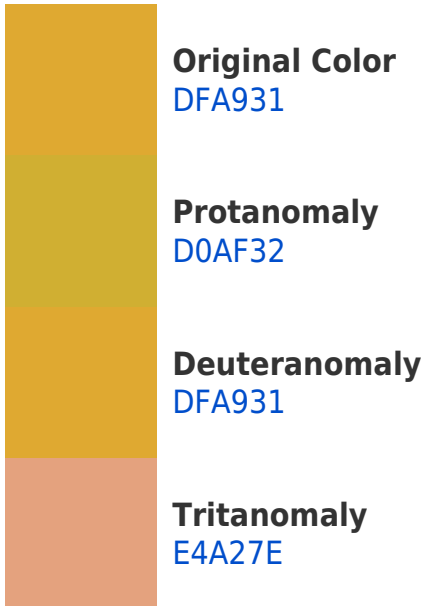
Protanopia
C8B233

Deuteranopia
DFA931



Tritanopia
E79EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFA931 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 #DFA931 looks like.

```
.text, #text, p{  
    color:#DFA931  
}
```

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 #DFA931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA931
}
```

Border

The CSS property to change the border of an element to Hex DFA931 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
#DFA931 }
```

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

```
.border{ border-color:#DFA931 }
```

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

Here you see how a box with a 4 pixel #DFA931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA931; -webkit-box-shadow:4px 4px  
4px 4px #DFA931; box-shadow:4px 4px 4px  
4px #DFA931 }
```

Background

The CSS property to change the background color of an element to Hex DFA931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA931 }
```

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

```
.background{ background-color:#DFA931 }
```

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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