

Converting Colors

Hex(DFA551)

Have a look what the booklet for
Hex(DFA551) contains.

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Color

Hex(DFA551)

Conversions

Conversions Part 1

Format	Color
Hex	DFA551
RGB	223, 165, 81
RGB Percent	87%, 65%, 32%
CMY	0.1255, 0.3529, 0.6824
CMYK	0.00, 0.26, 0.64, 0.13
HSL	35°, 69%, 60%
HSV	35°, 64%, 87%
XYZ	45.3718, 43.1923, 13.7302
YIQ	172.7660, 61.5320, -13.8280

Conversions

Conversions Part 2

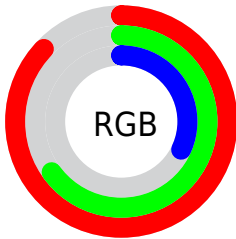
Format	Color
RYB	179, 223, 81
Decimal	14656849
CIELab	71.69, 12.81, 50.89
CIELCh	72, 52.478, 75.866
Yxy	43.1923, 0.4435, 0.4222
Android (android.graphics.Color)	4292846929 (0xFFDFA551)
YUV	172.7660, -45.2406, 44.0552
Hunter-Lab	65.7209, 8.2197, 33.6179

Details

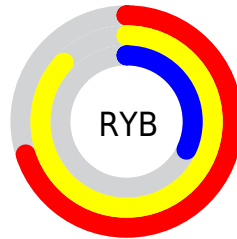
The Hex color **DFA551** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **518BDF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDC85**, and **A4711D** is the 20% darker color. If you saturate the color by 10%, you get **DF9C3B**, and if you desaturate by 10%, it is **DFAE67**.

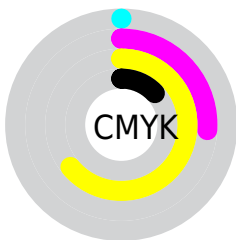
Distribution



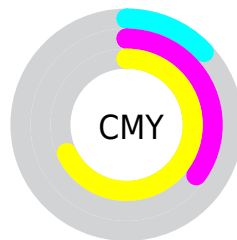
- Red (87%)
- Green (65%)
- Blue (32%)



- Red (70%)
- Yellow (87%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFA551 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 DFA551 by changing the saturation by 10% instead.

 DFA551

 DFA551

FFFFFF

 C18B38

 FFDC85

 A4711D

 FFF8A0

 875900

 FFFFBC

 6B4200

 FFFFD8

 502B00

 FFFFF5

 351700

 1E0000

 000000

 DFA551

 DFA551

DF9C3B

DFAE67

DF9324

DFB77E

DF8A0E

DFC094

DF8400

DFC9AA

DFD3C1

DFDCD7

DFE5ED

DFE EFF

DFF7FF

Harmonies

Analogous

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



FE936D



DFA551



B3B54F

Triad

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



DFA551



00C8C8



D499F3

Complementary

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



DFA551



518BDF

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.



8DACFF



DFA551



00C4F3

Square

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



DFA551



25C697



00BBFF



FD8AC8

Rectangle

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



DFA551



90BD5F



00BBFF



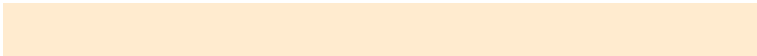
C09FFD

Sweetspot

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



DFA551



FFEBCF



DF518C



807462



000000



808080

Same Dimension

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



DFA551



FFB03D



D3DF51



706C65



B06800



301D00

Inverse Universe

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



518BDF



3D8CFF



5D51DF



656A70



0048B0



001430

Previews

White Background



This preview shows how the Hex color DFA551 looks on a white background.

Color Contrast Check

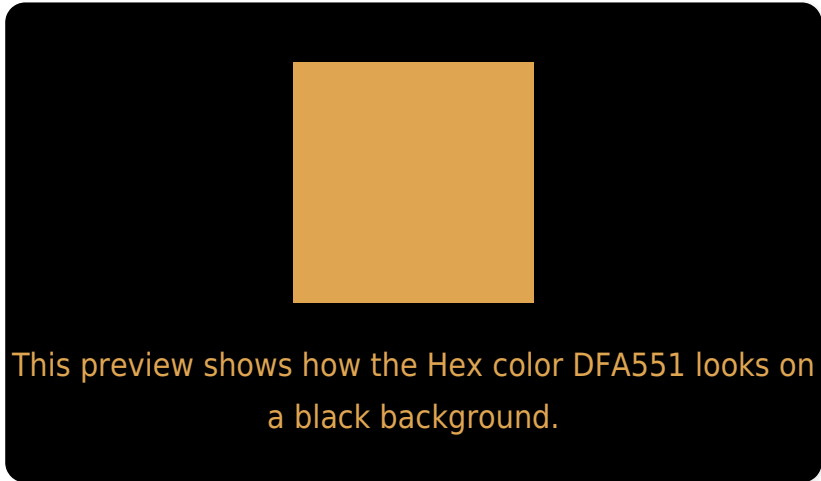
Large Text (above 18pt) WCAG AA × Fail

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 DFA551 Background



This preview shows how black text looks on a background with the Hex color DFA551.

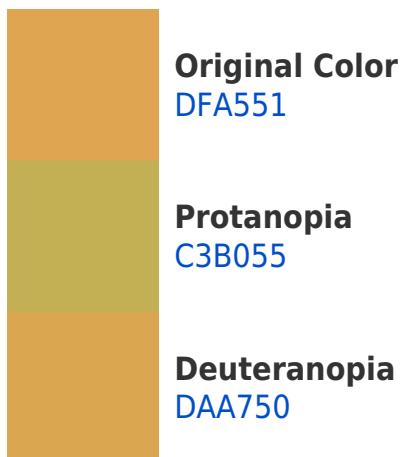


This preview shows how white text looks on a background with the Hex color DFA551.

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](#).

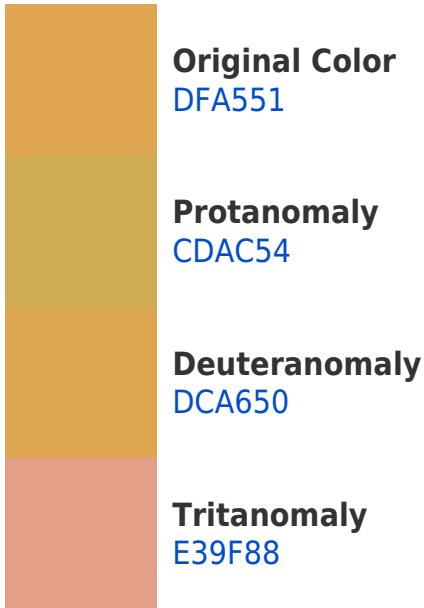
Dichromacy



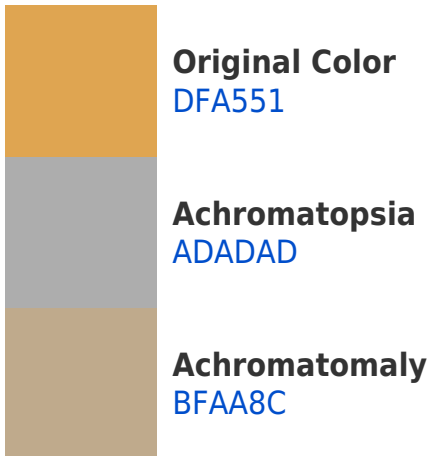


Tritanopia
E59CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFA551 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 #DFA551 looks like.

```
.text, #text, p{  
    color:#DFA551  
}
```

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 #DFA551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA551
}
```

Border

The CSS property to change the border of an element to Hex DFA551 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
#DFA551 }
```

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

```
.border{ border-color:#DFA551 }
```

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

Here you see how a box with a 4 pixel #DFA551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA551; -webkit-box-shadow:4px 4px  
4px 4px #DFA551; box-shadow:4px 4px 4px  
4px #DFA551 }
```

Background

The CSS property to change the background color of an element to Hex DFA551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA551 }
```

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

```
.background{ background-color:#DFA551 }
```

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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