

Converting Colors

Hex(DFA63C)

Have a look what the booklet for
Hex(DFA63C) contains.

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Color

Hex(DFA63C)

Conversions

Conversions Part 1

Format	Color
Hex	DFA63C
RGB	223, 166, 60
RGB Percent	87%, 65%, 24%
CMY	0.1255, 0.3490, 0.7647
CMYK	0.00, 0.26, 0.73, 0.13
HSL	39°, 72%, 55%
HSV	39°, 73%, 87%
XYZ	44.8833, 43.2867, 10.2645
YIQ	170.9590, 67.9980, -20.8820

Conversions

Conversions Part 2

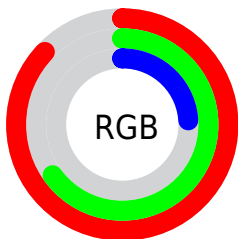
Format	Color
RYB	148, 223, 60
Decimal	14657084
CIELab	71.75, 11.13, 60.27
CIELCh	72, 61.287, 79.535
Yxy	43.2867, 0.4560, 0.4398
Android (android.graphics.Color)	4292847164 (0xFFDFA63C)
YUV	170.9590, -54.7028, 45.6400
Hunter-Lab	65.7926, 6.6344, 36.8048

Details

The Hex color **DFA63C** 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 **3C75DF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDD71**, and **A37200** is the 20% darker color. If you saturate the color by 10%, you get **DF9E26**, and if you desaturate by 10%, it is **DFAE52**.

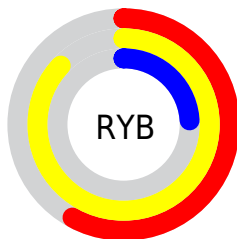
Distribution



Red (87%)

Green (65%)

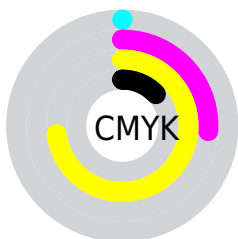
Blue (24%)



Red (58%)

Yellow (87%)

Blue (24%)

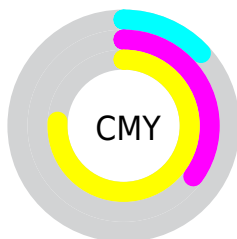


Cyan (0%)

Magenta (26%)

Yellow (73%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFA63C 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 DFA63C by changing the saturation by 10% instead.

 DFA63C

 DFA63C

FFFFFF

 C18C1F

 FFDD71

 A37200

 FFF98C

 865A00

 FFFFA8

 6A4300

 FFFFC4

 4E2D00

 FFFFE1

 341800

FFFFFFE

 1C0000

 000000

 DFA63C

 DFA63C

 DF9E26

 DFAE52

 DF960F

 DFB669

 DF9100

 DFBD7F

 DFC595

 DFCDAC

 DFD5C2

 DFDDD8

 DFE4EE

 DFECFF

Harmonies

Analogous

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



FF905C



DFA63C



ABB83E

Triad

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



DFA63C



00CBD4



E192F9

Complementary

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



DFA63C



3C75DF

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.



8FA9FF



DFA63C



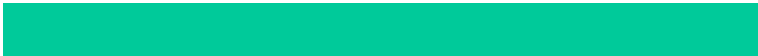
00C7FF

Square

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



DFA63C



00CA9A



00BCFF



FF80C6

Rectangle

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



DFA63C



81C155



00BCFF



CA9AFF

Sweetspot

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



DFA63C



FFEBC7



DF3C75



80745E



000000



808080

Same Dimension

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



DFA63C



FFB11F



C7DF3C



706C65



B07200



302000

Inverse Universe

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



3C75DF



1F6DFF



543CDF



656970



003EB0



001130

Previews

White Background



This preview shows how the Hex color DFA63C looks on a white background.

Color Contrast Check

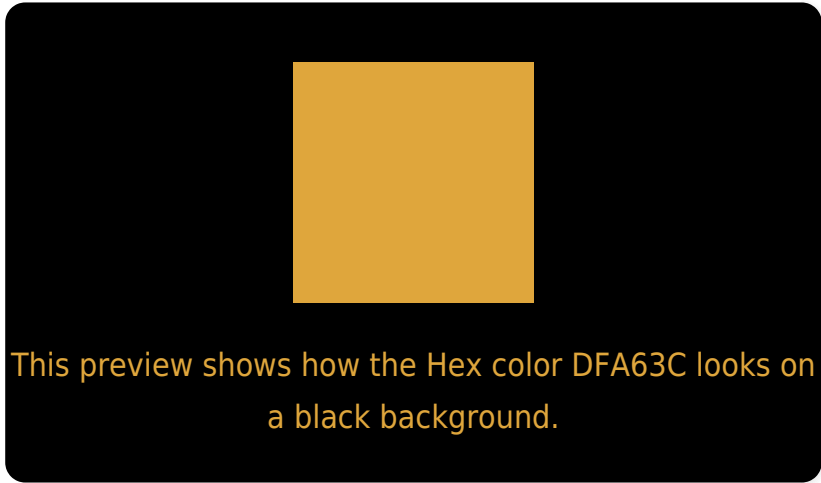
Large Text (above 18pt) WCAG AA × Fail

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 DFA63C Background



This preview shows how black text looks on a background with the Hex color DFA63C.

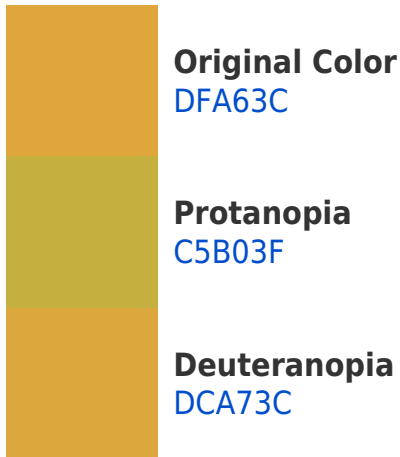


This preview shows how white text looks on a background with the Hex color DFA63C.

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](#).

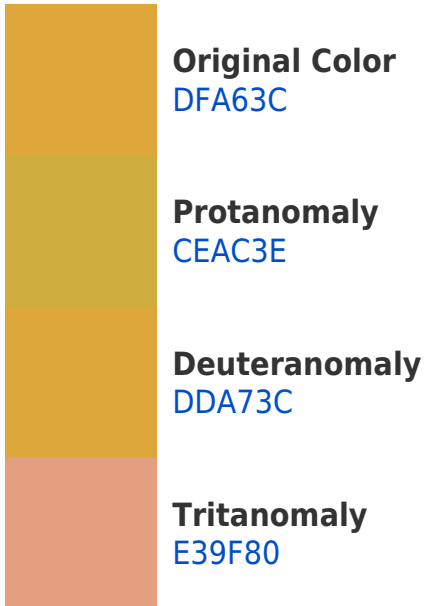
Dichromacy



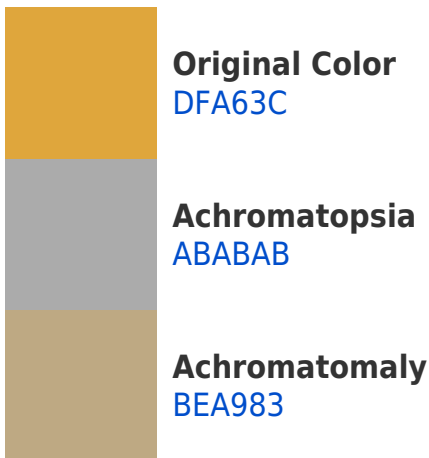


Tritanopia
E69BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFA63C 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 #DFA63C looks like.

```
.text, #text, p{  
    color:#DFA63C  
}
```

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 #DFA63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA63C
}
```

Border

The CSS property to change the border of an element to Hex DFA63C 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
#DFA63C }
```

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

```
.border{ border-color:#DFA63C }
```

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

Here you see how a box with a 4 pixel #DFA63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA63C; -webkit-box-shadow:4px 4px  
4px 4px #DFA63C; box-shadow:4px 4px 4px  
4px #DFA63C }
```

Background

The CSS property to change the background color of an element to Hex DFA63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA63C }
```

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

```
.background{ background-color:#DFA63C }
```

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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