

Converting Colors

Hex(DFA759)

Have a look what the booklet for
Hex(DFA759) contains.

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Color

Hex(DFA759)

Conversions

Conversions Part 1

Format	Color
Hex	DFA759
RGB	223, 167, 89
RGB Percent	87%, 65%, 35%
CMY	0.1255, 0.3451, 0.6510
CMYK	0.00, 0.25, 0.60, 0.13
HSL	35°, 68%, 61%
HSV	35°, 60%, 87%
XYZ	46.0533, 44.0467, 15.5258
YIQ	174.8520, 58.4140, -12.3860

Conversions

Conversions Part 2

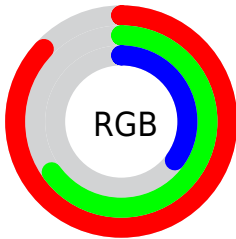
Format	Color
RYB	185, 223, 89
Decimal	14657369
CIELab	72.26, 12.29, 47.69
CIELCh	72, 49.242, 75.553
Yxy	44.0467, 0.4360, 0.4170
Android (android.graphics.Color)	4292847449 (0xFFDFA759)
YUV	174.8520, -42.3250, 42.2258
Hunter-Lab	66.3677, 7.7198, 32.5873

Details

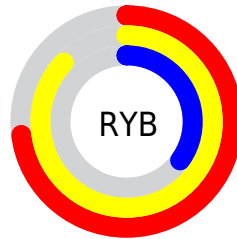
The Hex color **DFA759** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5991DF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDE8D**, and **A47327** is the 20% darker color. If you saturate the color by 10%, you get **DF9E43**, and if you desaturate by 10%, it is **DFB06F**.

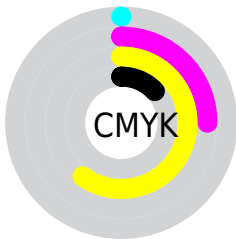
Distribution



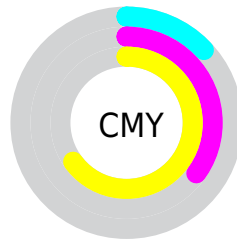
- Red (87%)
- Green (65%)
- Blue (35%)



- Red (73%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFA759 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 DFA759 by changing the saturation by 10% instead.

 DFA759

 DFA759

FFFFFF

 C18D40

 FFDE8D

 A47327

 FFFBA8

 885B0A

 FFFFC4

 6C4300

 FFFFEO

 512D00

FFFFFFD

 361800

 1F0000

 000000

 DFA759

 DFA759

 DF9E43

 DFB06F

 DF942C

 DFBA86

 DF8B16

 DFC39C

 DF8200

 DFCCB2

 DFD6C9

 DFDFDF

 DFE8F5

 DFF2FF

 DFFBFF

Harmonies

Analogous

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



FC9773



DFA759



B6B657

Triad

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



DFA759



00C8C8



D39CF1

Complementary

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



DFA759



5991DF

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.



92AEFF



DFA759



00C5F0

Square

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



DFA759



3CC799



1ABCFF



FA8FC9

Rectangle

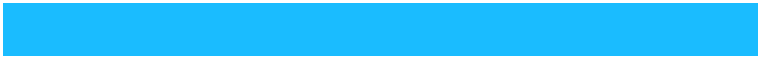
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFA759



95BE65



1ABCFF



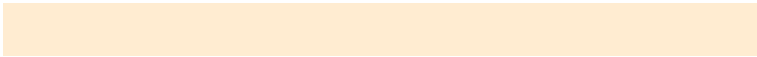
C0A2FB

Sweetspot

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



DFA759



FFECD1



DF5993



807463



000000



808080

Same Dimension

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



DFA759



FFB247



D6DF59



706C65



B06600



301C00

Inverse Universe

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



5991DF



4794FF



6259DF



656A70



004AB0



001430

Previews

White Background



This preview shows how the Hex color DFA759 looks on a white background.

Color Contrast Check

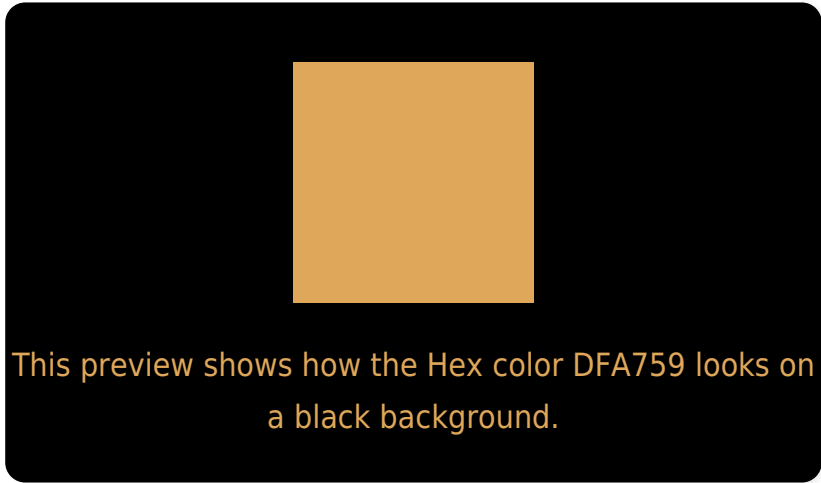
Large Text (above 18pt) WCAG AA × Fail

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

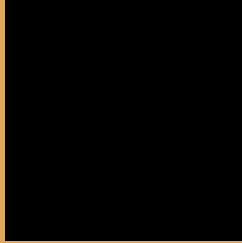
Any Text WCAG AA ✓ Pass

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 DFA759 Background



This preview shows how black text looks on a background with the Hex color DFA759.



This preview shows how white text looks on a background with the Hex color DFA759.

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
DFA759

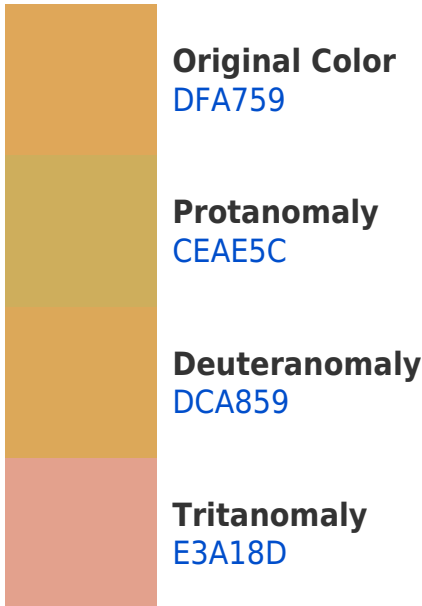
Protanopia
C4B25D

Deuteranopia
DAA959

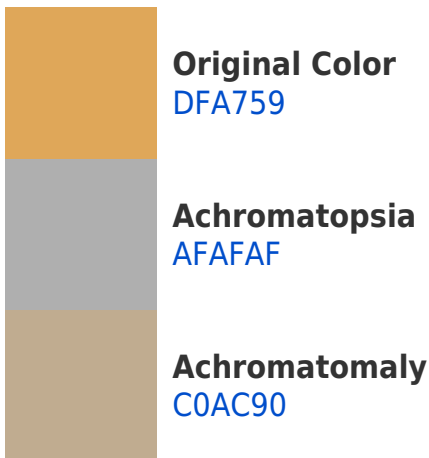


Tritanopia
E59EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFA759 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 #DFA759 looks like.

```
.text, #text, p{  
    color:#DFA759  
}
```

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 #DFA759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA759
}
```

Border

The CSS property to change the border of an element to Hex DFA759 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
#DFA759 }
```

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

```
.border{ border-color:#DFA759 }
```

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

Here you see how a box with a 4 pixel #DFA759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA759; -webkit-box-shadow:4px 4px  
4px 4px #DFA759; box-shadow:4px 4px 4px  
4px #DFA759 }
```

Background

The CSS property to change the background color of an element to Hex DFA759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA759 }
```

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

```
.background{ background-color:#DFA759 }
```

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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