

Converting Colors

Hex(DFA65E)

Have a look what the booklet for
Hex(DFA65E) contains.

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Color

Hex(DFA65E)

Conversions

Conversions Part 1

Format	Color
Hex	DFA65E
RGB	223, 166, 94
RGB Percent	87%, 65%, 37%
CMY	0.1255, 0.3490, 0.6314
CMYK	0.00, 0.26, 0.58, 0.13
HSL	33°, 67%, 62%
HSV	33°, 58%, 87%
XYZ	46.0880, 43.7686, 16.6088
YIQ	174.8350, 57.0840, -10.3080

Conversions

Conversions Part 2

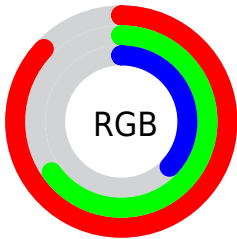
Format	Color
RYB	196, 223, 94
Decimal	14657118
CIELab	72.07, 13.19, 44.99
CIELCh	72, 46.882, 73.664
Yxy	43.7686, 0.4329, 0.4111
Android (android.graphics.Color)	4292847198 (0xFFDFA65E)
YUV	174.8350, -39.8517, 42.2407
Hunter-Lab	66.1578, 8.5736, 31.4259

Details

The Hex color **DFA65E** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5E97DF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDD92**, and **A5722C** is the 20% darker color. If you saturate the color by 10%, you get **DF9C48**, and if you desaturate by 10%, it is **DFB074**.

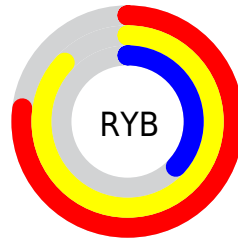
Distribution



Red (87%)

Green (65%)

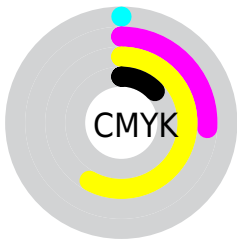
Blue (37%)



Red (77%)

Yellow (87%)

Blue (37%)

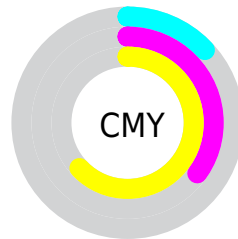


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFA65E 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 DFA65E by changing the saturation by 10% instead.

 DFA65E

 DFA65E

FFFFFF

 C18C45

 FFDD92

 A5722C


 FFFAAD

 885A12

 FFFFC9

 6C4200

 FFFF E5

 512C00

 371700

 1F0000

 000000

 DFA65E

 DFA65E

 DF9C48

 DFB074

 DF9231

 DFBA8B

 DF881B

 DFC4A1

 DF7F05

 DFCDB7

 DF7C00

 DFD7CE

 DFE1E4

 DFEBFA

 DFF5FF

 DFFFFFF

Harmonies

Analogous

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



FA9777



DFA65E



B8B45B

Triad

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



DFA65E



00C7C3



CE9EEF

Complementary

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



DFA65E



5E97DF

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.



8FAEFF



DFA65E



00C4EB

Square

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



DFA65E



4BC597



29BCFF



F491CA

Rectangle

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



DFA65E



99BC67



29BCFF



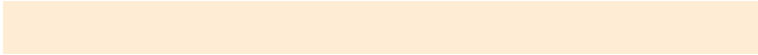
BBA3F8

Sweetspot

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



DFA65E



FFECD4



DF5E98



807466



000000



808080

Same Dimension

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



DFA65E



FFB14F



D9DF5E



706B65



B06200



301B00

Inverse Universe

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



5E97DF



4F9DFF



645EDF



656A70



004EB0



001530

Previews

White Background



This preview shows how the Hex color DFA65E looks on a white background.

Color Contrast Check

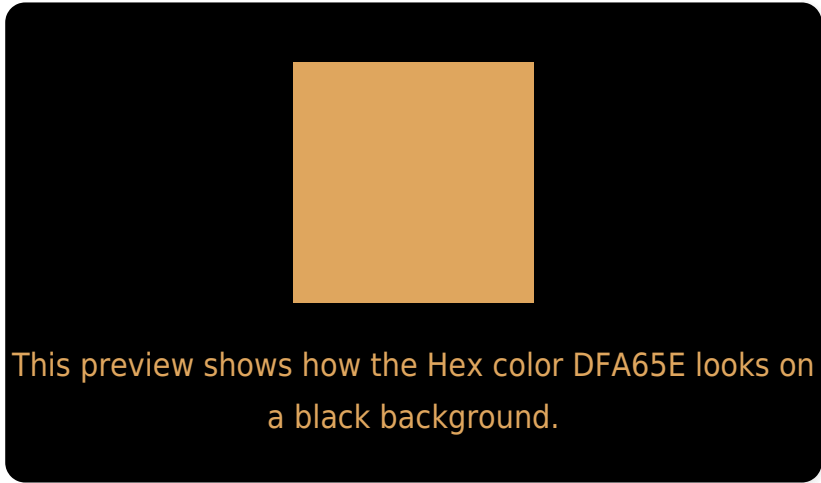
Large Text (above 18pt) WCAG AA × Fail

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

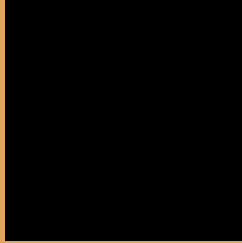
Any Text WCAG AA ✓ Pass

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 DFA65E Background



This preview shows how black text looks on a background with the Hex color DFA65E.

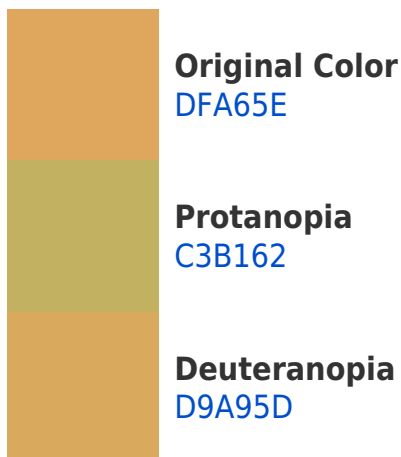


This preview shows how white text looks on a background with the Hex color DFA65E.

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](#).

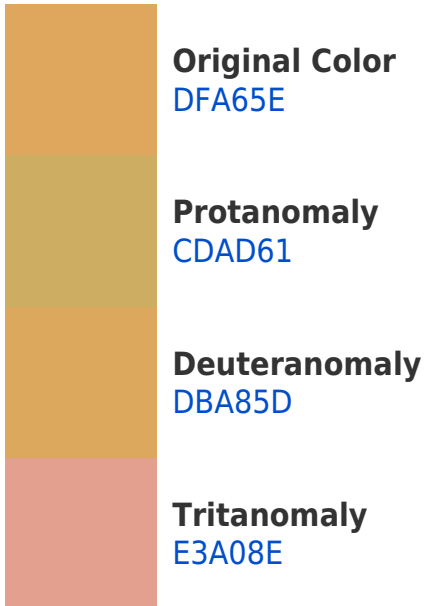
Dichromacy



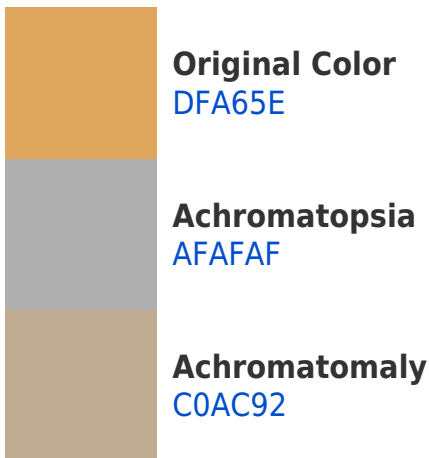


Tritanopia
E59DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFA65E 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 #DFA65E looks like.

```
.text, #text, p{  
    color:#DFA65E  
}
```

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 #DFA65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA65E
}
```

Border

The CSS property to change the border of an element to Hex DFA65E 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
#DFA65E }
```

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

```
.border{ border-color:#DFA65E }
```

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

Here you see how a box with a 4 pixel #DFA65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA65E; -webkit-box-shadow:4px 4px  
4px 4px #DFA65E; box-shadow:4px 4px 4px  
4px #DFA65E }
```

Background

The CSS property to change the background color of an element to Hex DFA65E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA65E }
```

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

```
.background{ background-color:#DFA65E }
```

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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