

Converting Colors

Hex(DFB75A)

Have a look what the booklet for
Hex(DFB75A) contains.

Hex(DFB75A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DFB75A)

Conversions

Conversions Part 1

Format	Color
Hex	DFB75A
RGB	223, 183, 90
RGB Percent	87%, 72%, 35%
CMY	0.1255, 0.2824, 0.6471
CMYK	0.00, 0.18, 0.60, 0.13
HSL	42°, 68%, 61%
HSV	42°, 60%, 87%
XYZ	49.2104, 50.2931, 16.7867
YIQ	184.3580, 53.6930, -20.4430

Conversions

Conversions Part 2

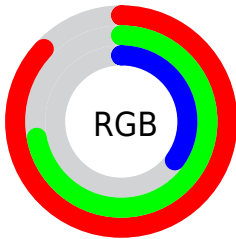
Format	Color
RYB	147, 223, 90
Decimal	14661466
CIELab	76.25, 3.87, 51.81
CIElCh	76, 51.952, 85.731
Yxy	50.2931, 0.4232, 0.4325
Android (android.graphics.Color)	4292851546 (0xFFDFB75A)
YUV	184.3580, -46.5185, 33.8890
Hunter-Lab	70.9177, -0.2432, 35.6080

Details

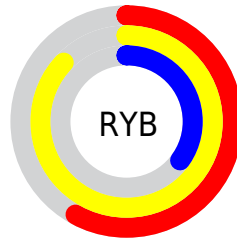
The Hex color **DFB75A** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5A82DF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEF8F**, and **A58226** is the 20% darker color. If you saturate the color by 10%, you get **DFB044**, and if you desaturate by 10%, it is **DFBE70**.

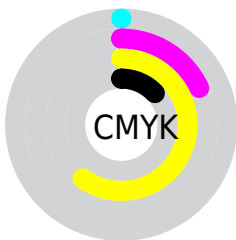
Distribution



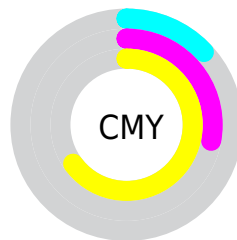
- Red (87%)
- Green (72%)
- Blue (35%)



- Red (58%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFB75A 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 DFB75A by changing the saturation by 10% instead.

 DFB75A

 DFB75A

FFFFFF

 C29C40

 FFEF8F

 A58226

 FFFFAA

 886905

 FFFFC6

 6D5100

 FFFFEE3

 523B00

 372500

 1F1100

 000000

 DFB75A

 DFB75A

 DFB044

 DFBE70

 DFAA2D

 DFC487

 DFA317

 DFCEB9D

 DF9C01

 DFD2B3

 DF9C00

 DFD9CA

 DFDFE0

 DFE6F6

 DFEDFF

 DFF3FF

Harmonies

Analogous

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



FFA66E



DFB75A



AFC662

Triad

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



DFB75A



00D4E4



F1A0F3

Complementary

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



DFB75A



5A82DF

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.



B5B2FF



DFB75A



00CFFF

Square

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



DFB75A



00D4B3



57C3FF



FF95C5

Rectangle

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



DFB75A



8ACD77



57C3FF



E0A6FF

Sweetspot

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



DFB75A



FFF1D1



DF5A84



807763



000000



808080

Same Dimension

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



DFB75A



FFC847



C7DF5A



706D65



B07B00



302200

Inverse Universe

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



5A82DF



477FFF



725ADF



656870



0035B0



000F30

Previews

White Background



This preview shows how the Hex color DFB75A looks on a white background.

Color Contrast Check

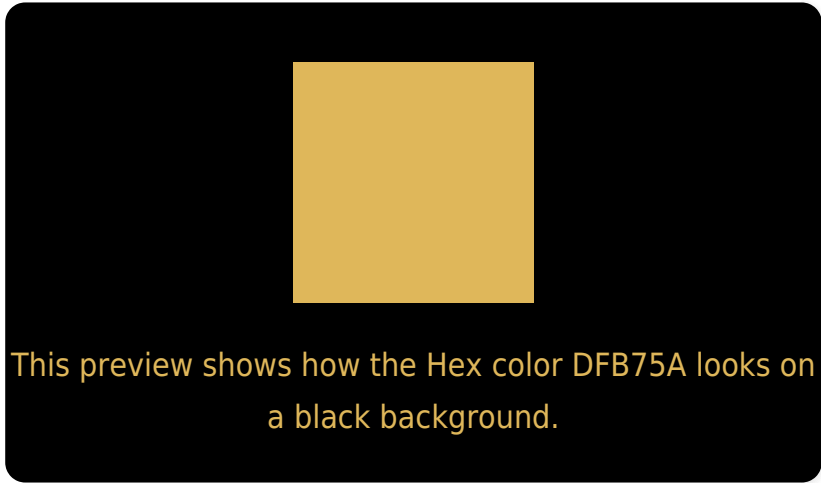
Large Text (above 18pt) WCAG AA × Fail

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 DFB75A Background



This preview shows how black text looks on a background with the Hex color DFB75A.

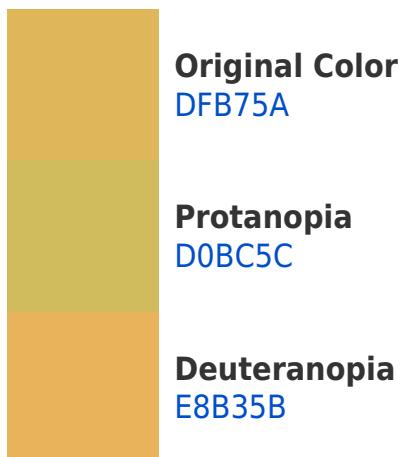


This preview shows how white text looks on a background with the Hex color DFB75A.

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](#).

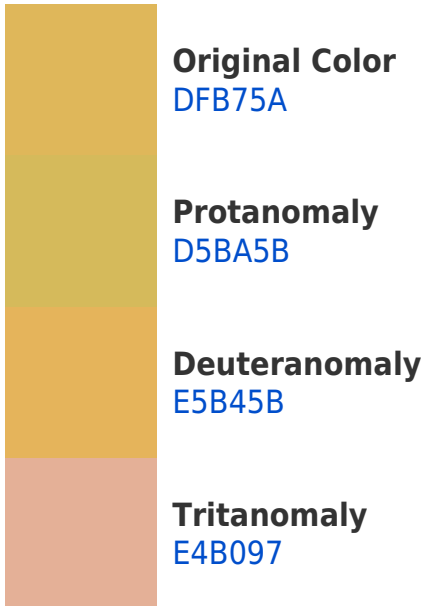
Dichromacy





Tritanopia
E7ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFB75A 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 #DFB75A looks like.

```
.text, #text, p{  
    color:#DFB75A  
}
```

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 #DFB75A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB75A
}
```

Border

The CSS property to change the border of an element to Hex DFB75A 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
#DFB75A }
```

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

```
.border{ border-color:#DFB75A }
```

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

Here you see how a box with a 4 pixel #DFB75A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB75A; -webkit-box-shadow:4px 4px  
4px 4px #DFB75A; box-shadow:4px 4px 4px  
4px #DFB75A }
```

Background

The CSS property to change the background color of an element to Hex DFB75A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB75A }
```

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

```
.background{ background-color:#DFB75A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor