

Converting Colors

Hex(DFBB3C)

Have a look what the booklet for
Hex(DFBB3C) contains.

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Color

Hex(DFBB3C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFBB3C |
| RGB | 223, 187, 60 |
| RGB Percent | 87%, 73%, 24% |
| CMY | 0.1255, 0.2667, 0.7647 |
| CMYK | 0.00, 0.16, 0.73, 0.13 |
| HSL | 47°, 72%, 55% |
| HSV | 47°, 73%, 87% |
| XYZ | 49.0174, 51.5549, 11.6426 |
| YIQ | 183.2860, 62.2230, -31.8650 |

Conversions

Conversions Part 2

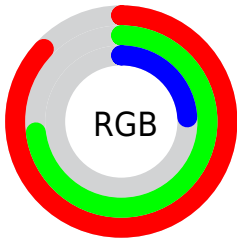
| Format | Color |
|--|---|
| RYB | 106, 223, 60 |
| Decimal | 14662460 |
| CIELab | 77.01, 0.04, 65.44 |
| CIElCh | 77, 65.441, 89.962 |
| Yxy | 51.5549, 0.4368, 0.4594 |
| Android (android.graphics.Color) | 4292852540 (0xFFDFB3C) |
| YUV | 183.2860, -60.7800, 34.8292 |
| Hunter-Lab | 71.8017, -3.7952, 40.6474 |

Details

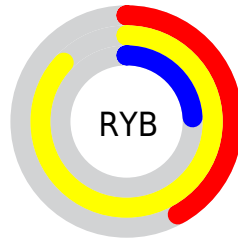
The Hex color **DFBB3C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **3C60DF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF373**, and **A48600** is the 20% darker color. If you saturate the color by 10%, you get **DFB626**, and if you desaturate by 10%, it is **DFC052**.

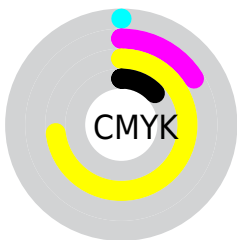
Distribution



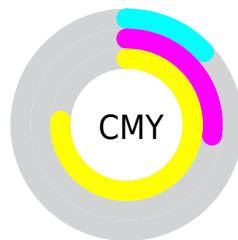
- Red (87%)
- Green (73%)
- Blue (24%)



- Red (42%)
- Yellow (87%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFBB3C 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 DFBB3C by changing the saturation by 10% instead.

 DFBB3C

 DFBB3C

FFFFFF

 C1A01D

 FFF373

 A48600

 FFFF8F

 876D00

 FFFFAB

 6B5500

 FFFFC7

 4F3E00

 FFFFE4

 352900

 1D1500

 000000

 DFBB3C

 DFBB3C

 DFB626

 DFC052

 DFB10F

 DFC569

 DFAE00

 DFCA7F

 DFCF95

 DFD4AC

 DFD9C2

 DFDDD8

 DFE2EE

 DFE7FF

Harmonies

Analogous

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



FFA455



DFBB3C



A2CC4E

Triad

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



DFBB3C



00DBF9



FF95FC

Complementary

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



DFBB3C



3C60DF

Split Complementary

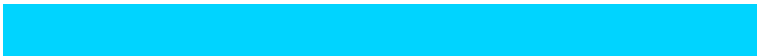
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BFAEFF



DFBB3C



00D4FF

Square

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



DFBB3C



00DCBC



1FC5FF



FF87C1

Rectangle

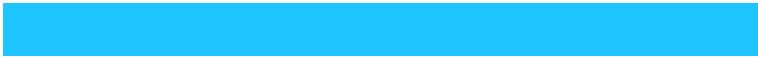
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFBB3C



6FD46C



1FC5FF



F49DFF

Sweetspot

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



DFBB3C



FFF3C7



DF3C62



80785E



000000



808080

Same Dimension

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



DFBB3C



FFCD1F



B4DF3C



706E65



B08900



302600

Inverse Universe

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



3C60DF



1F50FF



673CDF



656770



0027B0



000B30

Previews

White Background



This preview shows how the Hex color DFBB3C looks on a white background.

Color Contrast Check

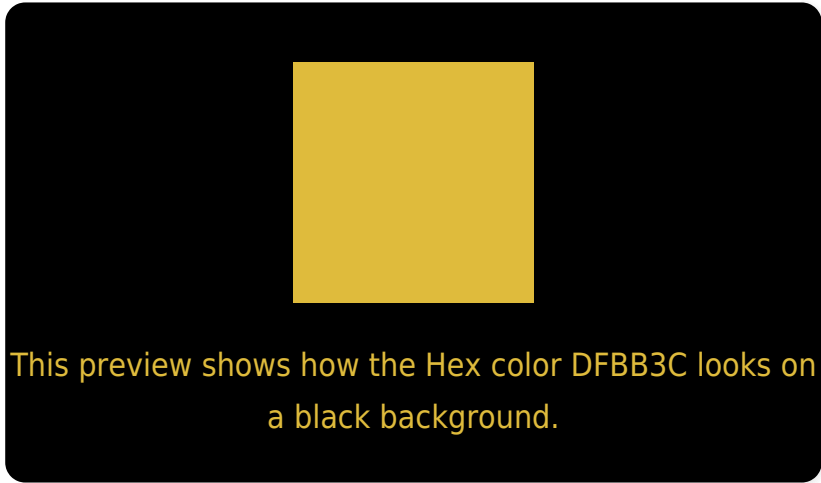
Large Text (above 18pt) WCAG AA × Fail

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 DFBB3C Background



This preview shows how black text looks on a background with the Hex color DFBB3C.

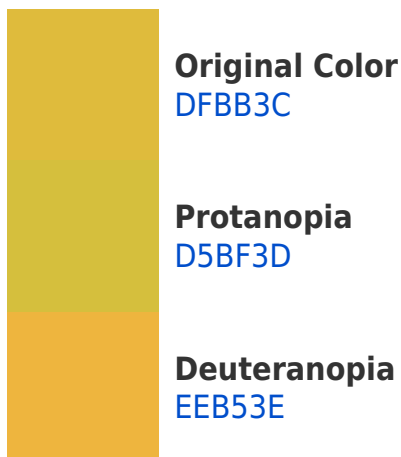


This preview shows how white text looks on a background with the Hex color DFBB3C.

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](#).

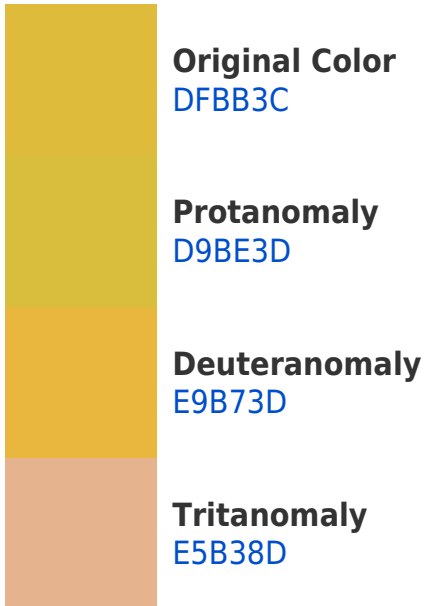
Dichromacy





Tritanopia
E8AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFBB3C 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 #DFBB3C looks like.

```
.text, #text, p{  
  color:#DFBB3C  
}
```

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 #DFBB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFBB3C
}
```

Border

The CSS property to change the border of an element to Hex DFBB3C 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
#DFBB3C }
```

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

```
.border{ border-color:#DFBB3C }
```

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

Here you see how a box with a 4 pixel #DFBB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFBB3C; -webkit-box-shadow:4px 4px  
4px 4px #DFBB3C; box-shadow:4px 4px 4px  
4px #DFBB3C }
```

Background

The CSS property to change the background color of an element to Hex DFBB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFBB3C }
```

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

```
.background{ background-color:#DFBB3C }
```

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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