

Converting Colors

Hex(DFB008)

Have a look what the booklet for
Hex(DFB008) contains.

Hex(DFB008)	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(DFB008)

Conversions

Conversions Part 1

Format	Color
Hex	DFB008
RGB	223, 176, 8
RGB Percent	87%, 69%, 3%
CMY	0.1255, 0.3098, 0.9686
CMYK	0.00, 0.21, 0.96, 0.13
HSL	47°, 93%, 45%
HSV	47°, 96%, 87%
XYZ	46.0006, 46.7562, 6.8301
YIQ	170.9010, 81.9400, -42.2840

Conversions

Conversions Part 2

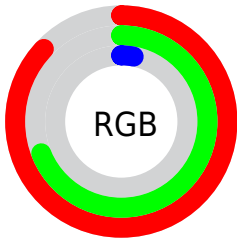
Format	Color
RYB	68, 223, 8
Decimal	14659592
CIELab	74.03, 4.49, 75.76
CIELCh	74, 75.896, 86.609
Yxy	46.7562, 0.4619, 0.4695
Android (android.graphics.Color)	4292849672 (0xFFDFB008)
YUV	170.9010, -80.3102, 45.6908
Hunter-Lab	68.3785, 0.4208, 41.9427

Details

The Hex color **DFB008** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **0837DF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE752**, and **A37C00** is the 20% darker color. If you saturate the color by 10%, you get **DFAE00**, and if you desaturate by 10%, it is **DFB51E**.

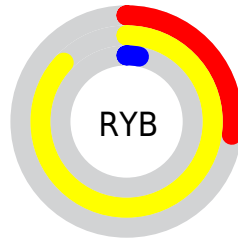
Distribution



Red (87%)

Green (69%)

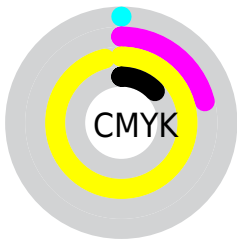
Blue (3%)



Red (27%)

Yellow (87%)

Blue (3%)

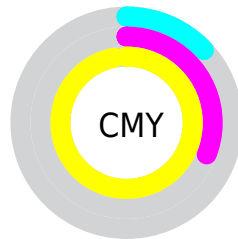


Cyan (0%)

Magenta (21%)

Yellow (96%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFB008 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 DFB008 by changing the saturation by 10% instead.

 DFB008

 DFB008

FFFFFF

 C19600

 FFE752

 A37C00

 FFFF6F

 856300

 FFFF8B

 684C00

 FFFFA8

 4D3500

 FFFFC5

 332100

 FFFF E2

 1A0B00

 000000

 DFB008

 DFB008

■ DFAE00

■ DF51E

■ DFBA35

■ DFBF4B

■ DFC361

■ DFC878

■ DFCD8E

■ DFD2A4

■ DFD7BA

■ DFDCD1

Harmonies

Analogous

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



FF943F



DFB008



9BC426

Triad

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



DFB008



00D6F3



FF87FF

Complementary

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



DFB008



0837DF

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.



A6A7FF



DFB008



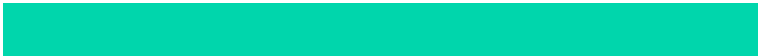
00D0FF

Square

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



DFB008



00D6AC



00C1FF



FF71C1

Rectangle

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



DFB008



60CD4F



00C1FF



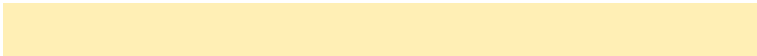
EA92FF

Sweetspot

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



DFB008



FFEFB5



DF083A



807653



000000



808080

Same Dimension

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



DFB008



FFC700



A6DF08



706E65



B08900



302600

Inverse Universe

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



0837DF



0038FF



4108DF



656770



0026B0



000B30

Previews

White Background



This preview shows how the Hex color DFB008 looks on a white background.

Color Contrast Check

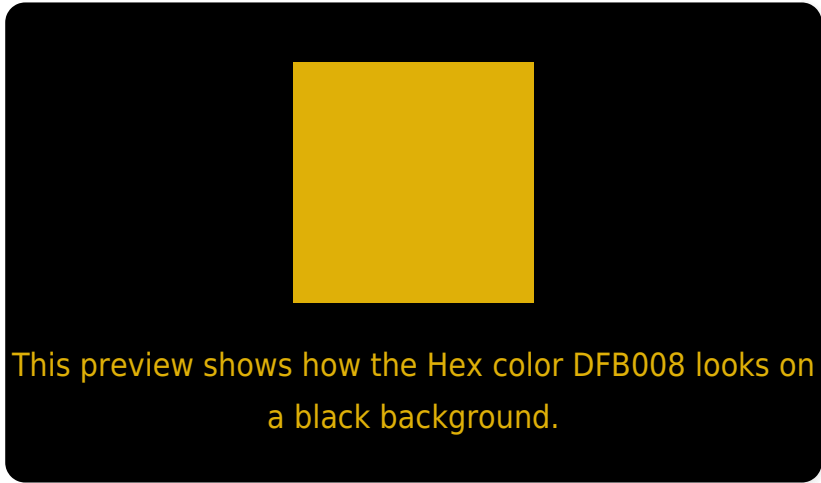
Large Text (above 18pt) WCAG AA × Fail

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 DFB008 Background



This preview shows how black text looks on a background with the Hex color DFB008.



This preview shows how white text looks on a background with the Hex color DFB008.

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
DFB008

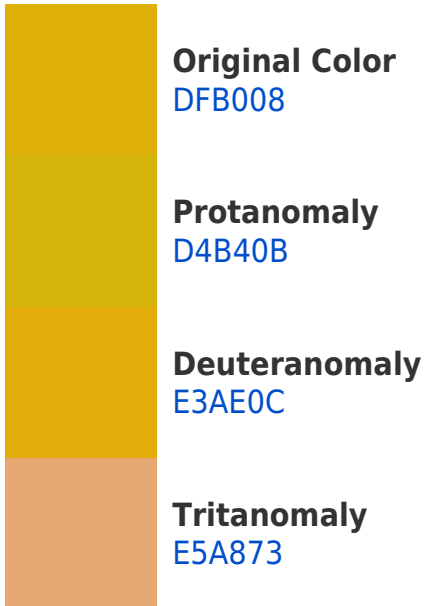
Protanopia
CEB70D

Deuteranopia
E6AD0F

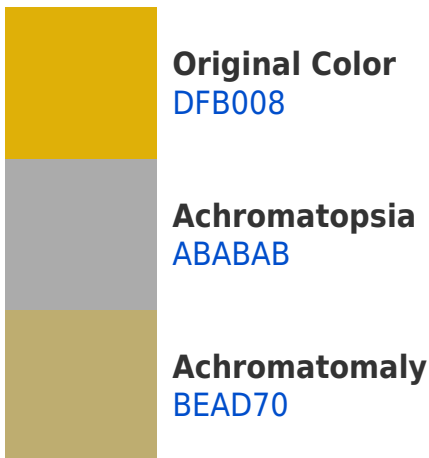


Tritanopia
E8A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFB008 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 #DFB008 looks like.

```
.text, #text, p{  
    color:#DFB008  
}
```

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 #DFB008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB008
}
```

Border

The CSS property to change the border of an element to Hex DFB008 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
#DFB008 }
```

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

```
.border{ border-color:#DFB008 }
```

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

Here you see how a box with a 4 pixel #DFB008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB008; -webkit-box-shadow:4px 4px  
4px 4px #DFB008; box-shadow:4px 4px 4px  
4px #DFB008 }
```

Background

The CSS property to change the background color of an element to Hex DFB008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB008 }
```

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

```
.background{ background-color:#DFB008 }
```

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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