

Converting Colors

Hex(DFB51C)

Have a look what the booklet for
Hex(DFB51C) contains.

Hex(DFB51C)	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(DFB51C)

Conversions

Conversions Part 1

Format	Color
Hex	DFB51C
RGB	223, 181, 28
RGB Percent	87%, 71%, 11%
CMY	0.1255, 0.2902, 0.8902
CMYK	0.00, 0.19, 0.87, 0.13
HSL	47°, 78%, 49%
HSV	47°, 87%, 87%
XYZ	47.1649, 48.8196, 8.0359
YIQ	176.1160, 74.1450, -38.6790

Conversions

Conversions Part 2

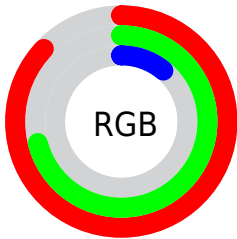
Format	Color
RYB	82, 223, 28
Decimal	14660892
CIELab	75.34, 2.15, 73.59
CIELCh	75, 73.620, 88.329
Yxy	48.8196, 0.4534, 0.4693
Android (android.graphics.Color)	4292850972 (0xFFDFB51C)
YUV	176.1160, -73.0212, 41.1173
Hunter-Lab	69.8710, -1.7817, 42.0908

Details

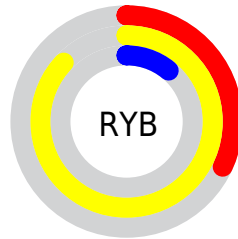
The Hex color **DFB51C** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1C46DF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFEC5B**, and **A38100** is the 20% darker color. If you saturate the color by 10%, you get **DFB006**, and if you desaturate by 10%, it is **DFBA32**.

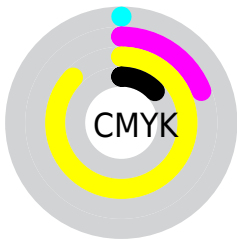
Distribution



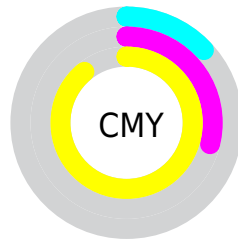
- Red (87%)
- Green (71%)
- Blue (11%)



- Red (32%)
- Yellow (87%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (87%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFB51C 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 DFB51C by changing the saturation by 10% instead.

 DFB51C

 DFB51C

FFFFFF

 C19A00

 FFEC5B

 A38100

 FFFF78

 866800

 FFFF94

 695000

 FFFFB0

 4D3A00

 FFFFCD

 332400

 FFFFEA

 1B1000

 000000

 DFB51C

 DFB51C

■ DFB006

■ DFBA32

■ DFAF00

■ DFBF49

■ DFC35F

■ DFC875

■ DFCD8C

■ DFD2A2

■ DFD7B8

■ DFDBCE

■ DFE0E5

Harmonies

Analogous

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



FF9A44



DFB51C



9CC834

Triad

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



DFB51C



00D9F8



FF8BFF

Complementary

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



DFB51C



1C46DF

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.



B2A9FF



DFB51C



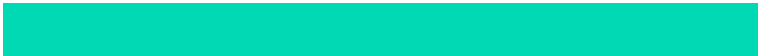
00D2FF

Square

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



DFB51C



00D9B3



00C3FF



FF78C0

Rectangle

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



DFB51C



61D159



00C3FF



F195FF

Sweetspot

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



DFB51C



FFF1BD



DF1C46



807758



000000



808080

Same Dimension

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



DFB51C



FFC800



A8DF1C



706E65



B08A00



302600

Inverse Universe

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



1C46DF



0037FF



531CDF



656770



0026B0



000A30

Previews

White Background



This preview shows how the Hex color DFB51C looks on a white background.

Color Contrast Check

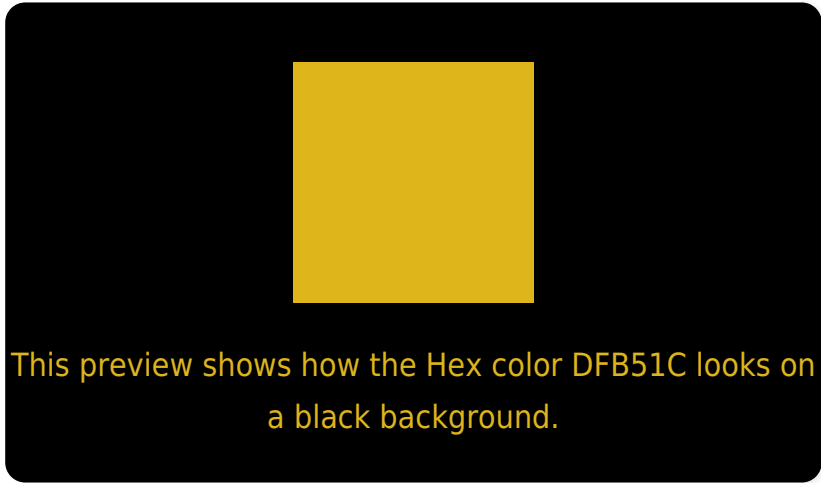
Large Text (above 18pt) WCAG AA × Fail

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 DFB51C Background



This preview shows how black text looks on a background with the Hex color DFB51C.



This preview shows how white text looks on a background with the Hex color DFB51C.

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
DFB51C

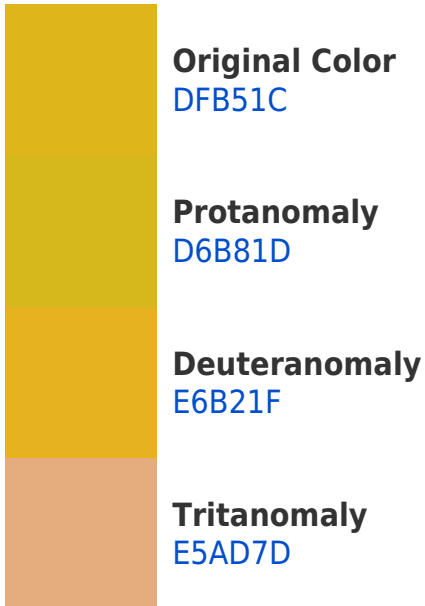
Protanopia
D1BA1E

Deuteranopia
EAB020

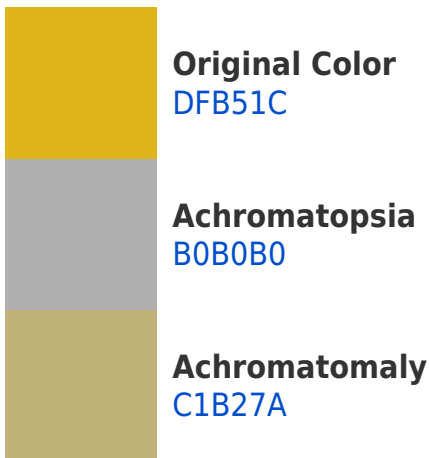


Tritanopia
E8A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFB51C 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 #DFB51C looks like.

```
.text, #text, p{  
    color:#DFB51C  
}
```

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 #DFB51C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB51C
}
```

Border

The CSS property to change the border of an element to Hex DFB51C 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
#DFB51C }
```

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

```
.border{ border-color:#DFB51C }
```

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

Here you see how a box with a 4 pixel #DFB51C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB51C; -webkit-box-shadow:4px 4px  
4px 4px #DFB51C; box-shadow:4px 4px 4px  
4px #DFB51C }
```

Background

The CSS property to change the background color of an element to Hex DFB51C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB51C }
```

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

```
.background{ background-color:#DFB51C }
```

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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