

Converting Colors

Hex(DFBC51)

Have a look what the booklet for
Hex(DFBC51) contains.

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Color

Hex(DFBC51)

Conversions

Conversions Part 1

Format	Color
Hex	DFBC51
RGB	223, 188, 81
RGB Percent	87%, 74%, 32%
CMY	0.1255, 0.2627, 0.6824
CMYK	0.00, 0.16, 0.64, 0.13
HSL	45°, 69%, 60%
HSV	45°, 64%, 87%
XYZ	49.8998, 52.2485, 15.2395
YIQ	186.2670, 55.2070, -25.8570

Conversions

Conversions Part 2

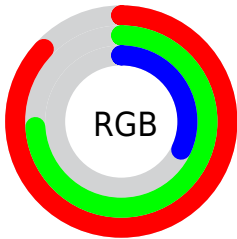
Format	Color
RYB	127, 223, 81
Decimal	14662737
CIELab	77.43, 0.65, 57.24
CIELCh	77, 57.248, 89.354
Yxy	52.2485, 0.4251, 0.4451
Android (android.graphics.Color)	4292852817 (0xFFDFBC51)
YUV	186.2670, -51.8966, 32.2148
Hunter-Lab	72.2831, -3.2700, 38.0980

Details

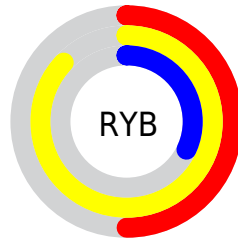
The Hex color **DFBC51** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5174DF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF486**, and **A48719** is the 20% darker color. If you saturate the color by 10%, you get **DFB73B**, and if you desaturate by 10%, it is **DFC167**.

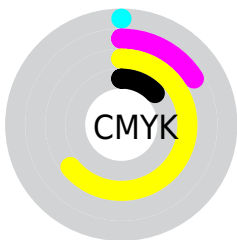
Distribution



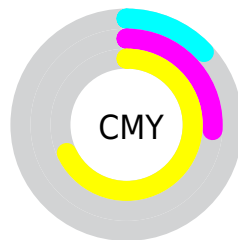
- Red (87%)
- Green (74%)
- Blue (32%)



- Red (50%)
- Yellow (87%)
- Blue (32%)



- Cyan (0%)
- Magenta (16%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFBC51 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 DFBC51 by changing the saturation by 10% instead.

 DFBC51

 DFBC51

FFFFFF

 C1A136

 FFF486

 A48719

 FFFFA2

 886E00

 FFFFBE

 6C5600

 FFFFDA

 513F00

 FFFFF7

 372900

 1E1500

 000000

 DFBC51

 DFBC51

 DFB73B

 DFC167

 DFB124

 DFC77E

 DFAC0E

 DFCC94

 DFA800

 DFD2AA

 DFD7C1

 DFDDD7

 DFE2ED

 DFE8FF

 DFEDFF

Harmonies

Analogous

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



FFA964



DFBC51



A9CB5F

Triad

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



DFBC51



00D9F2



FF9DF6

Complementary

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



DFBC51



5174DF

Split Complementary

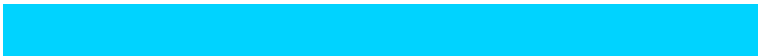
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C0B2FF



DFBC51



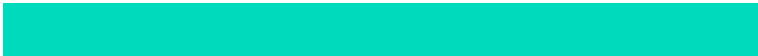
00D3FF

Square

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



DFBC51



00DABC



56C5FF



FF92C3

Rectangle

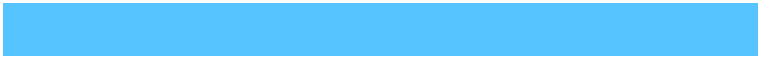
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFBC51



7FD377



56C5FF



EEA4FF

Sweetspot

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



DFBC51



FFF3CF



DF5175



807862



000000



808080

Same Dimension

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



DFBC51



FFCF3D



BBDF51



706D65



B08500



302500

Inverse Universe

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



5174DF



3D6DFF



7551DF



656870



002BB0



000C30

Previews

White Background



This preview shows how the Hex color DFBC51 looks on a white background.

Color Contrast Check

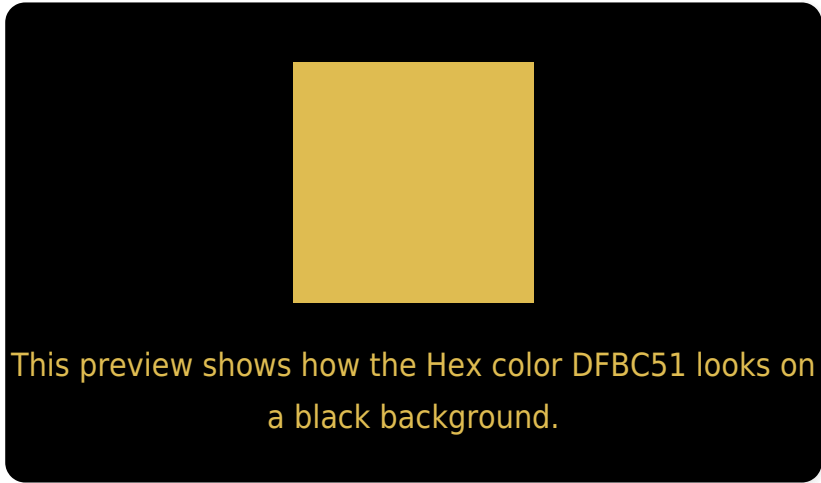
Large Text (above 18pt) WCAG AA × Fail

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 DFBC51 Background



This preview shows how black text looks on a background with the Hex color DFBC51.

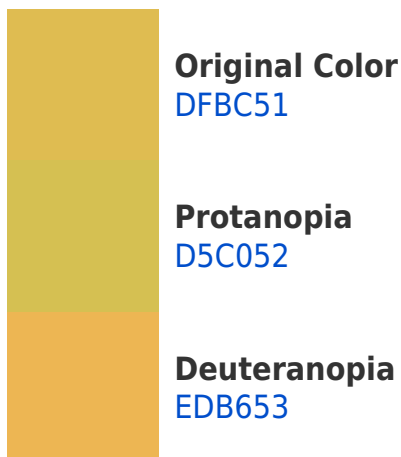


This preview shows how white text looks on a background with the Hex color DFBC51.

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
E8B1BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFBC51 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 #DFBC51 looks like.

```
.text, #text, p{  
    color:#DFBC51  
}
```

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 #DFBC51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFBC51
}
```

Border

The CSS property to change the border of an element to Hex DFBC51 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
#DFBC51 }
```

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

```
.border{ border-color:#DFBC51 }
```

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

Here you see how a box with a 4 pixel #DFBC51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFBC51; -webkit-box-shadow:4px 4px  
4px 4px #DFBC51; box-shadow:4px 4px 4px  
4px #DFBC51 }
```

Background

The CSS property to change the background color of an element to Hex DFBC51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFBC51 }
```

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

```
.background{ background-color:#DFBC51 }
```

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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