

# Converting Colors

Hex(DFBA53)

Have a look what the booklet for  
Hex(DFBA53) contains.

|  |    |
|--|----|
| <b>Hex(DFBA53)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(DFBA53)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DFBA53                      |
| RGB         | 223, 186, 83                |
| RGB Percent | 87%, 73%, 33%               |
| CMY         | 0.1255, 0.2706, 0.6745      |
| CMYK        | 0.00, 0.17, 0.63, 0.13      |
| HSL         | 44°, 69%, 60%               |
| HSV         | 44°, 63%, 87%               |
| XYZ         | 49.5517, 51.4303, 15.4990   |
| YIQ         | 185.3210, 55.1150, -24.1890 |

# Conversions

## Conversions Part 2

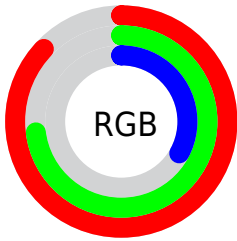
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">133, 223, 83</a>                                 |
| Decimal                             | <a href="#">14662227</a>                                     |
| CIELab                              | <a href="#">76.94, 1.82, 55.81</a>                           |
| CIELCh                              | <a href="#">77, 55.843, 88.134</a>                           |
| Yxy                                 | <a href="#">51.4303, 0.4254, 0.4415</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4292852307</a><br>( <a href="#">0xFFDFBA53</a> ) |
| YUV                                 | <a href="#">185.3210, -50.4443, 33.0445</a>                  |
| Hunter-Lab                          | <a href="#">71.7149, -2.1660, 37.3867</a>                    |

# Details

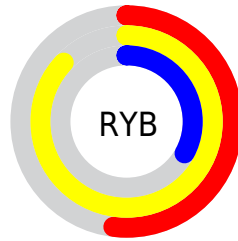
The Hex color **DFBA53** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5378DF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF288**, and **A4851C** is the 20% darker color. If you saturate the color by 10%, you get **DFB43D**, and if you desaturate by 10%, it is **DFC069**.

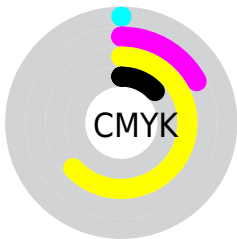
# Distribution



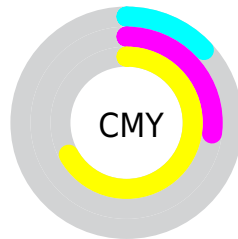
- Red (87%)
- Green (73%)
- Blue (33%)



- Red (52%)
- Yellow (87%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (63%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFBA53 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 DFBA53 by changing the saturation by 10% instead.



 DFBA53

 DFBA53

FFFFFF

 C19F39

 FFF288

 A4851C


 FFFFA3

 886C00

 FFFFBF

 6C5400

 FFFFDC

 513D00

 FFFFF9

 372800

 1E1400

 000000

 DFBA53

 DFBA53

 DFB43D

 DFC069

 DFAE26

 DFC680

 DFA810

 DFCC96

 DFA400

 DFD2AC

 DFD7C3

 DFDDD9

 DFE3EF

 DFE9FF

 DFEFFF

# Harmonies

## Analogous

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



FFA767



DFBA53



ABC95F

# Triad

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



DFBA53



00D7ED



FB9EF5

# Complementary

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



DFBA53



5378DF

# 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.



BCB2FF



DFBA53



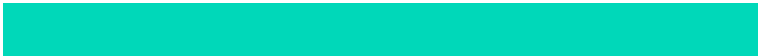
00D1FF

# Square

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



DFBA53



00D8B9



54C4FF



FF92C3

# Rectangle

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



DFBA53



82D176



54C4FF



E9A4FF



# Sweetspot

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



DFBA53



FFF2CF



DF5378



807862



000000



808080



# Same Dimension

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



DFBA53



FFCC40



BEDF53



706D65



B08100



302400



# Inverse Universe

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



5378DF



4072FF



7453DF



656870



002FB0



000D30



# Previews

## White Background



This preview shows how the Hex color DFBA53 looks on a white background.

## Color Contrast Check

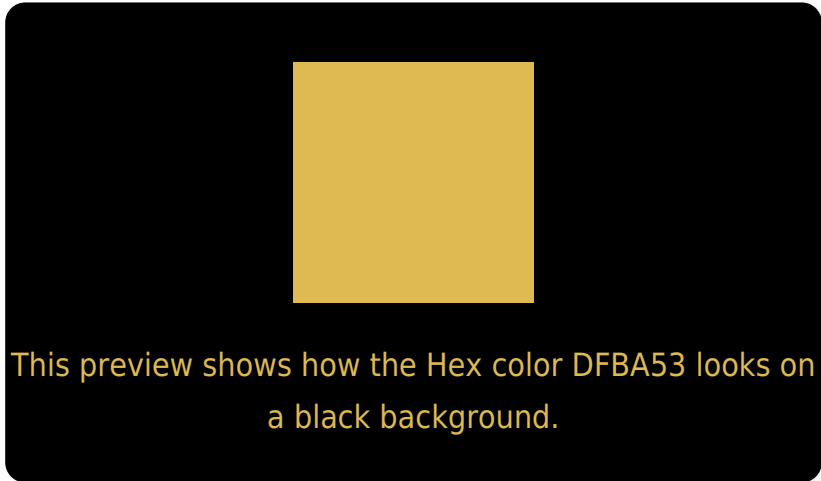
Large Text (above 18pt) WCAG AA × Fail

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 DFBA53 Background



This preview shows how black text looks on a background with the Hex color DFBA53.



This preview shows how white text looks on a background with the Hex color DFBA53.

# 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**  
DFBA53

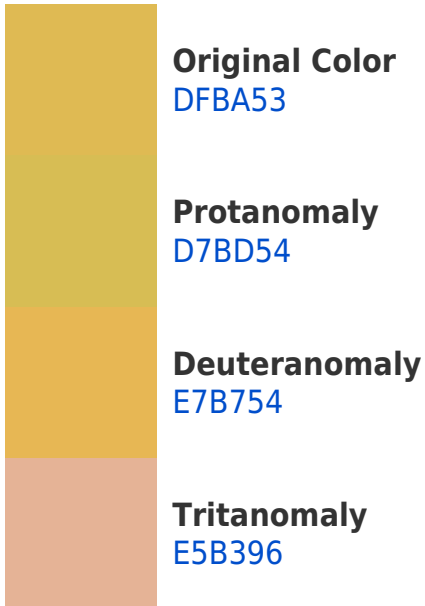
**Protanopia**  
D3BE54

**Deuteranopia**  
EBB554

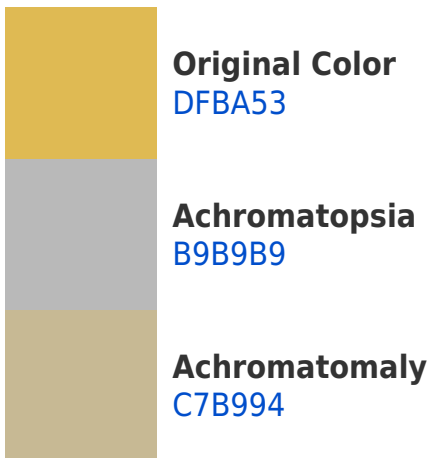


**Tritanopia**  
E8AFBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFBA53 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 #DFBA53 looks like.

```
.text, #text, p{  
    color:#DFBA53  
}
```

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 #DFBA53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFBA53
}
```

## Border

The CSS property to change the border of an element to Hex DFBA53 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
#DFBA53 }
```

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

```
.border{ border-color:#DFBA53 }
```

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

Here you see how a box with a 4 pixel #DFBA53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFBA53; -webkit-box-shadow:4px 4px  
4px 4px #DFBA53; box-shadow:4px 4px 4px  
4px #DFBA53 }
```

# Background

The CSS property to change the background color of an element to Hex DFBA53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFBA53 }
```

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

```
.background{ background-color:#DFBA53 }
```

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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