

Converting Colors

Hex(DBAF42)

Have a look what the booklet for
Hex(DBAF42) contains.

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Color

Hex(DBAF42)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBAF42 |
| RGB | 219, 175, 66 |
| RGB Percent | 86%, 69%, 26% |
| CMY | 0.1412, 0.3137, 0.7412 |
| CMYK | 0.00, 0.20, 0.70, 0.14 |
| HSL | 43°, 68%, 56% |
| HSV | 43°, 70%, 86% |
| XYZ | 45.5268, 46.1134, 11.6555 |
| YIQ | 175.7300, 61.2130, -24.5710 |

Conversions

Conversions Part 2

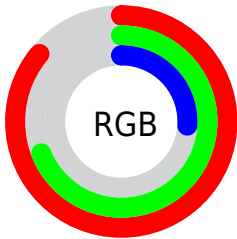
| Format | Color |
|-------------------------------------|--|
| RYB | 128, 219, 66 |
| Decimal | 14397250 |
| CIELab | 73.62, 4.92, 59.55 |
| CIElCh | 74, 59.756, 85.274 |
| Yxy | 46.1134, 0.4407, 0.4464 |
| Android (android.graphics.Color) | 4292587330 (0xFFDBAF42) |
| YUV | 175.7300, -54.0969, 37.9478 |
| Hunter-Lab | 67.9068, 0.8348, 37.3583 |

Details

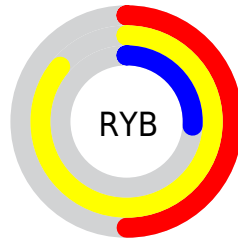
The Hex color **DBAF42** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **426EDB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE677**, and **A07B00** is the 20% darker color. If you saturate the color by 10%, you get **DBA92C**, and if you desaturate by 10%, it is **DBB558**.

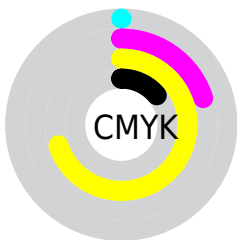
Distribution



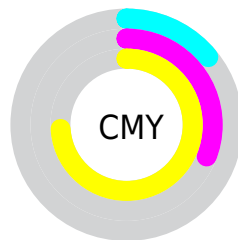
- Red (86%)
- Green (69%)
- Blue (26%)



- Red (50%)
- Yellow (86%)
- Blue (26%)



- Cyan (0%)
- Magenta (20%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBAF42 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 DBAF42 by changing the saturation by 10% instead.



DBAF42



DBAF42

FFFFFF



BD9526



FFE677



A07B00



FFFF93



836200



FFFFAE



684B00



FFFFCB



4C3400



FFFFE7



321F00



1A0900



000000



DBAF42



DBAF42

 DBA92C

 DBB558

 DBA216

 DBBC6E

 DB9C00

 DBC284

 DBC89A

 DBCEB0

 DBD5C5

 DBDBDB

 DBE1F1

 DBE8FF

Harmonies

Analogous

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



FF9A5C



DBAF42



A6C04C

Triad

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



DBAF42



00D0E2



F094F4

Complementary

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



DBAF42



426EDB

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.



A9AAFF



DBAF42



00CAFF

Square

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



DBAF42



00CFAA



00BDFE



FF85C0

Rectangle

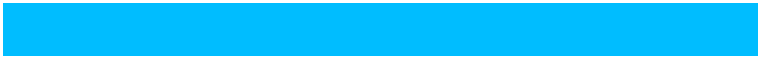
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBAF42



7AC764



00BDFF



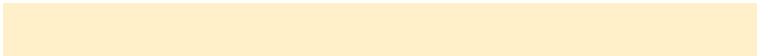
DC9BFF

Sweetspot

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



DBAF42



FFF0C9



DB4270



807660



000000



808080

Same Dimension

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



DBAF42



FFC129



BCDB42



6E6A63



AD7C00



2E2100

Inverse Universe

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



426EDB



2966FF



6142DB



63666E



0032AD



000D2E

Previews

White Background



This preview shows how the Hex color DBAF42 looks on a white background.

Color Contrast Check

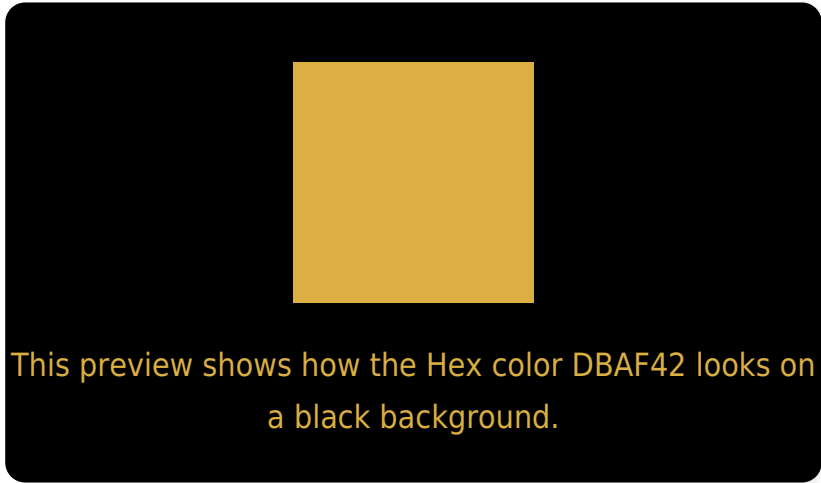
Large Text (above 18pt) WCAG AA × Fail

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 DBAF42 Background



This preview shows how black text looks on a background with the Hex color DBAF42.



This preview shows how white text looks on a background with the Hex color DBAF42.

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
DBAF42

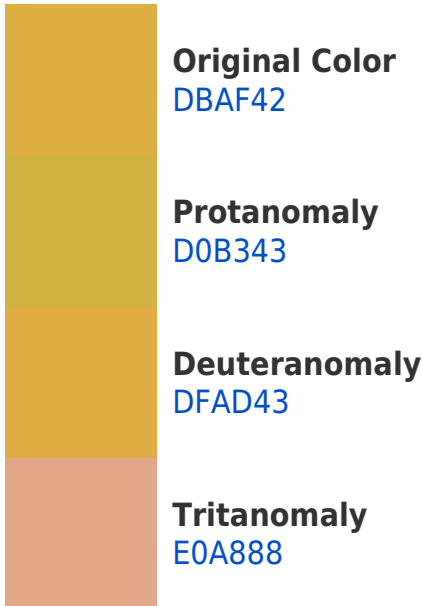
Protanopia
CAB544

Deuteranopia
E2AC43

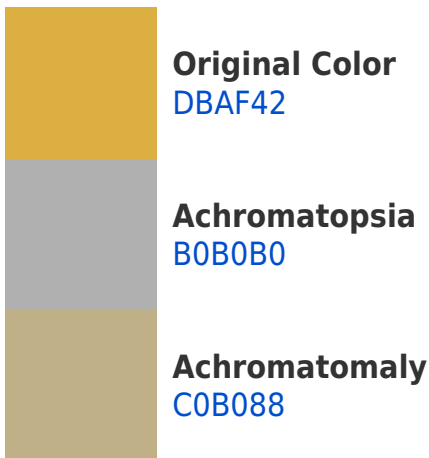


Tritanopia
E3A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBAF42 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 #DBAF42 looks like.

```
.text, #text, p{  
  color:#DBAF42  
}
```

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 #DBAF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBAF42
}
```

Border

The CSS property to change the border of an element to Hex DBAF42 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
#DBAF42 }
```

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

```
.border{ border-color:#DBAF42 }
```

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

Here you see how a box with a 4 pixel #DBAF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBAF42; -webkit-box-shadow:4px 4px  
4px 4px #DBAF42; box-shadow:4px 4px 4px  
4px #DBAF42 }
```

Background

The CSS property to change the background color of an element to Hex DBAF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBAF42 }
```

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

```
.background{ background-color:#DBAF42 }
```

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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