

Converting Colors

Hex(DBAD22)

Have a look what the booklet for
Hex(DBAD22) contains.

Hex(DBAD22)	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(DBAD22)

Conversions

Conversions Part 1

Format	Color
Hex	DBAD22
RGB	219, 173, 34
RGB Percent	86%, 68%, 13%
CMY	0.1412, 0.3216, 0.8667
CMYK	0.00, 0.21, 0.84, 0.14
HSL	45°, 73%, 50%
HSV	45°, 84%, 86%
XYZ	44.4457, 45.0627, 7.8688
YIQ	170.9080, 72.0350, -33.4770

Conversions

Conversions Part 2

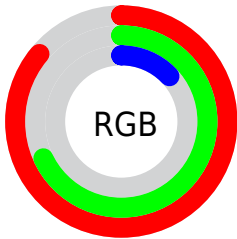
Format	Color
RYB	95, 219, 34
Decimal	14396706
CIELab	72.93, 4.76, 70.03
CIELCh	73, 70.188, 86.112
Yxy	45.0627, 0.4564, 0.4628
Android (android.graphics.Color)	4292586786 (0xFFDBAD22)
YUV	170.9080, -67.4956, 42.1767
Hunter-Lab	67.1288, 0.7089, 40.0402

Details

The Hex color **DBAD22** 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 **2250DB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE45E**, and **9F7900** is the 20% darker color. If you saturate the color by 10%, you get **DBA80C**, and if you desaturate by 10%, it is **DBB238**.

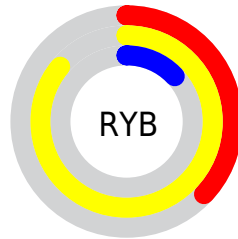
Distribution



Red (86%)

Green (68%)

Blue (13%)



Red (37%)

Yellow (86%)

Blue (13%)

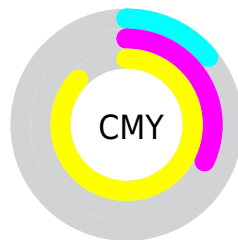


Cyan (0%)

Magenta (21%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBAD22 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 DBAD22 by changing the saturation by 10% instead.

 DBAD22

 DBAD22

FFFFFF

 BD9300

 FFE45E

 9F7900

 FFFF7A

 826100

 FFFF95

 664900

 FFFFFB2

 4A3300

 FFFFCE

 301E00

 FFFFFEC

 170700

 000000

 DBAD22

 DBAD22

 DBA80C

 DBB238

 DBA500

 DBB84E

 DBBD64

 DBC37A

 DBC890

 DBCEA5

 DBD3BB

 DBD9D1

 DBDEE7

Harmonies

Analogous

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



FF9447



DBAD22



9DC033

Triad

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



DBAD22



00D1EA



F989FC

Complementary

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



DBAD22



2250DB

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.



A4A6FF



DBAD22



00CBFF

Square

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



DBAD22



00D1A8



00BDFE



FF76BE

Rectangle

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



DBAD22



68C854



00BDFF



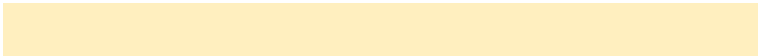
E293FF

Sweetspot

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



DBAD22



FFEFBF



DB2250



807659



000000



808080

Same Dimension

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



DBAD22



FFC000



ADD8E6



696969



8B4513



654321

Inverse Universe

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



2250DB



003FFF



5022DB



63656E



002BAD



000B2E

Previews

White Background



This preview shows how the Hex color DBAD22 looks on a white background.

Color Contrast Check

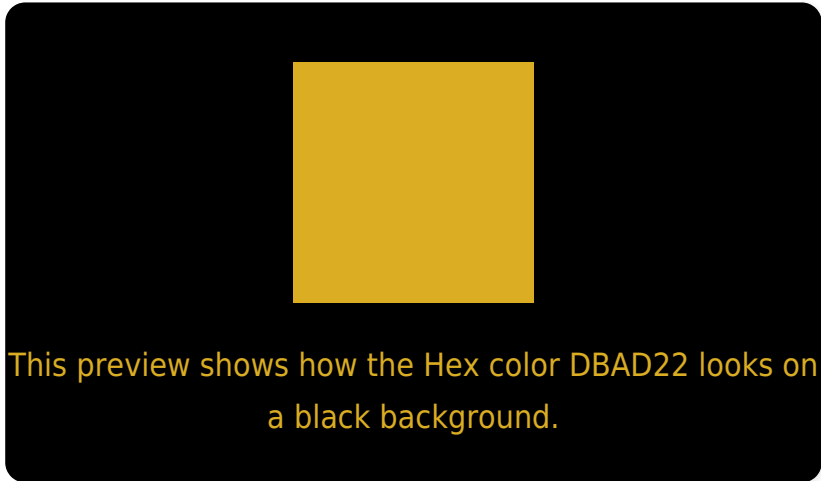
Large Text (above 18pt) WCAG AA × Fail

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 DBAD22 Background



This preview shows how black text looks on a background with the Hex color DBAD22.



This preview shows how white text looks on a background with the Hex color DBAD22.

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
DBAD22

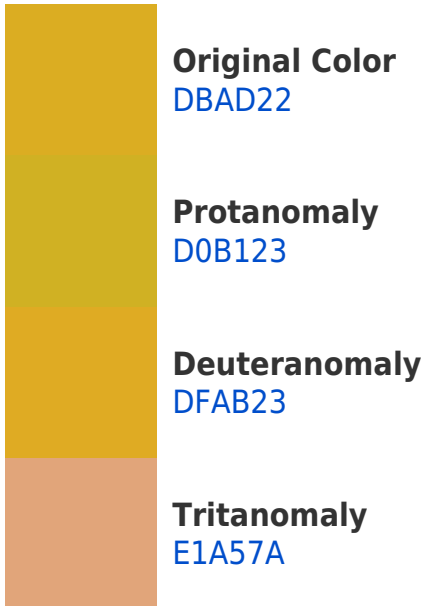
Protanopia
CAB424

Deuteranopia
E2AA24

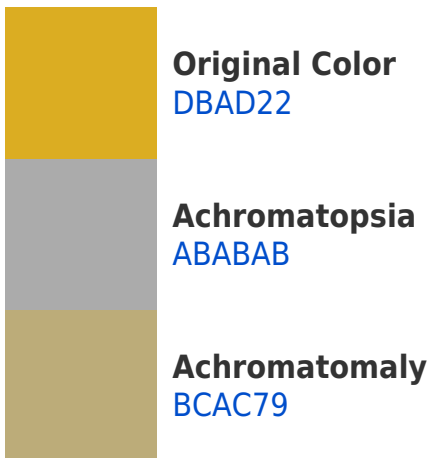


Tritanopia
E4A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBAD22 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 #DBAD22 looks like.

```
.text, #text, p{  
    color:#DBAD22  
}
```

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 #DBAD22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBAD22
}
```

Border

The CSS property to change the border of an element to Hex DBAD22 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
#DBAD22 }
```

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

```
.border{ border-color:#DBAD22 }
```

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

Here you see how a box with a 4 pixel #DBAD22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBAD22; -webkit-box-shadow:4px 4px  
4px 4px #DBAD22; box-shadow:4px 4px 4px  
4px #DBAD22 }
```

Background

The CSS property to change the background color of an element to Hex DBAD22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBAD22 }
```

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

```
.background{ background-color:#DBAD22 }
```

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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