

Converting Colors

Hex(DBA275)

Have a look what the booklet for
Hex(DBA275) contains.

Hex(DBA275)	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(DBA275)

Conversions

Conversions Part 1

Format	Color
Hex	DBA275
RGB	219, 162, 117
RGB Percent	86%, 64%, 46%
CMY	0.1412, 0.3647, 0.5412
CMYK	0.00, 0.26, 0.47, 0.14
HSL	26°, 59%, 66%
HSV	26°, 47%, 86%
XYZ	45.3446, 42.1851, 22.5822
YIQ	173.9130, 48.4170, -1.9110

Conversions

Conversions Part 2

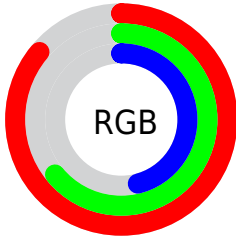
Format	Color
R_{YB}	219, 198, 117
Decimal	14393973
CIE _{Lab}	71.00, 15.70, 31.61
CIE _{LCh}	71, 35.294, 63.592
Yxy	42.1851, 0.4118, 0.3831
Android (android.graphics.Color)	4292584053 (0xFFDBA275)
YUV	173.9130, -28.0581, 39.5413
Hunter-Lab	64.9500, 10.9565, 24.8507

Details

The Hex color **DBA275** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75AEDB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD9AA**, and **A26E44** is the 20% darker color. If you saturate the color by 10%, you get **DB965F**, and if you desaturate by 10%, it is **DBAE8B**.

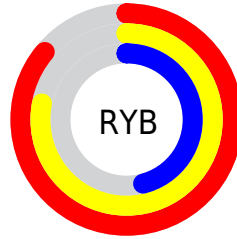
Distribution



Red (86%)

Green (64%)

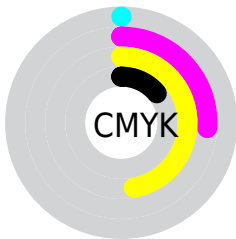
Blue (46%)



Red (86%)

Yellow (78%)

Blue (46%)

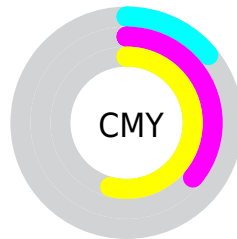


Cyan (0%)

Magenta (26%)

Yellow (47%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBA275 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 DBA275 by changing the saturation by 10% instead.

 DBA275

 DBA275

FFFFFF

 BE885C

 FFD9AA

 A26E44

 FFF5C5

 86562D

 FFFFFE1

 6B3E16

FFFFFFE

 502800

 361300

 200000

 000000

 DBA275

 DBA275

 DB965F

 DBAE8B

 DB8A49

 DBBAA1

 DB7D33

 DBC7B7

 DB711D

 DBD3CD

 DB6508

 DBDFE2

 DB6100

 DBEBF8

 DBF8FF

 DBFFFF

Harmonies

Analogous

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



EB998C



DBA275



C0AD6D

Triad

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



DBA275



4FBFB1



B7A4E3

Complementary

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



DBA275



75AEDB

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.



87B0ED



DBA275



37BED0

Square

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



DBA275



77BD90



54B9E7



DA9ACB

Rectangle

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



DBA275



A9B472



54B9E7



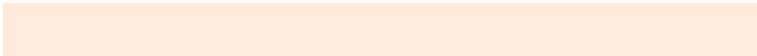
A8A8E9

Sweetspot

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



DBA275



FFEBDB



DB75AF



80736A



000000



808080

Same Dimension

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



DBA275



FFAF70



DBD475



6E6863



AD4D00



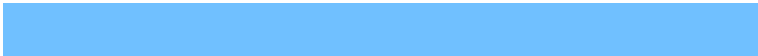
2E1400

Inverse Universe

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



75AEDB



70C0FF



757CDB



63696E



0061AD



001A2E

Previews

White Background



This preview shows how the Hex color DBA275 looks on a white background.

Color Contrast Check

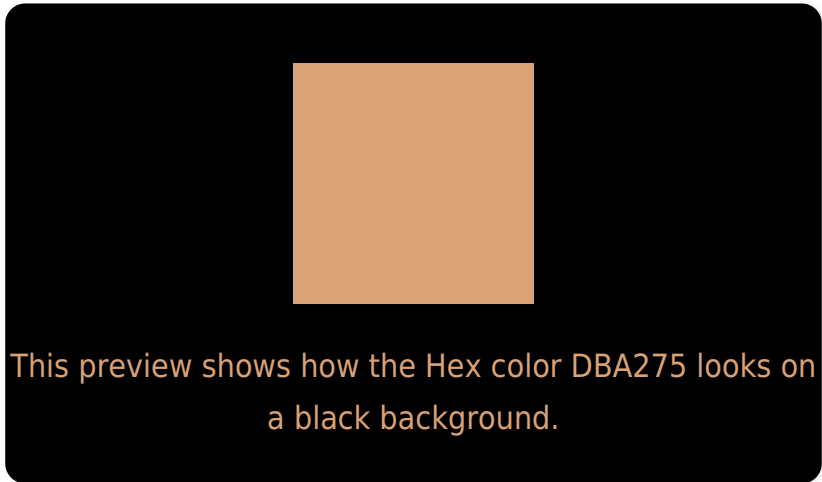
Large Text (above 18pt) WCAG AA × Fail

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

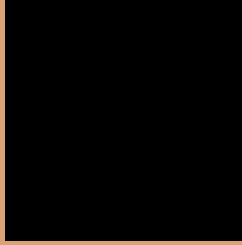
Any Text WCAG AA ✓ Pass

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 DBA275 Background



This preview shows how black text looks on a background with the Hex color DBA275.

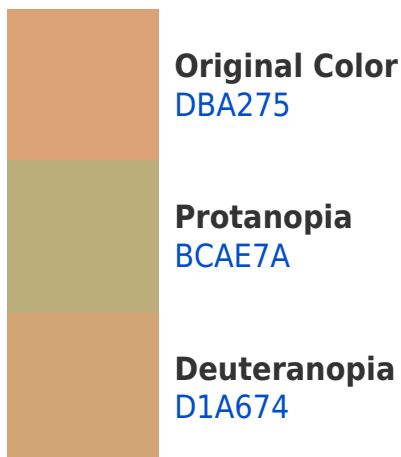


This preview shows how white text looks on a background with the Hex color DBA275.

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](#).

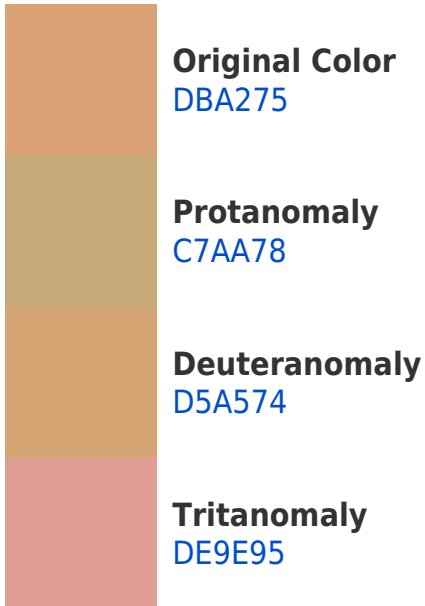
Dichromacy





Tritanopia
DF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBA275 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 #DBA275 looks like.

```
.text, #text, p{  
    color:#DBA275  
}
```

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 #DBA275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBA275  
}
```

Border

The CSS property to change the border of an element to Hex DBA275 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  
#DBA275 }
```

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

```
.border{ border-color:#DBA275 }
```

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

Here you see how a box with a 4 pixel #DBA275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBA275; -webkit-box-shadow:4px 4px  
4px 4px #DBA275; box-shadow:4px 4px 4px  
4px #DBA275 }
```

Background

The CSS property to change the background color of an element to Hex DBA275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBA275 }
```

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

```
.background{ background-color:#DBA275 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor