

# Converting Colors

Hex(DBA36B)

Have a look what the booklet for  
Hex(DBA36B) contains.

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**Color**

**Hex(DBA36B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBA36B
RGB	219, 163, 107
RGB Percent	86%, 64%, 42%
CMY	0.1412, 0.3608, 0.5804
CMYK	0.00, 0.26, 0.51, 0.14
HSL	30°, 61%, 64%
HSV	30°, 51%, 86%
XYZ	44.9645, 42.3160, 19.7078
YIQ	173.3600, 51.3520, -5.5440

# Conversions

## Conversions Part 2

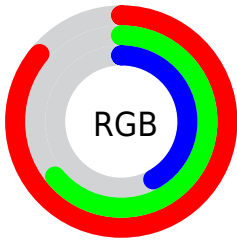
Format	Color
<a href="#">RYB</a>	<a href="#">219, 219, 107</a>
Decimal	<a href="#">14394219</a>
CIELab	<a href="#">71.09, 14.21, 37.02</a>
CIELCh	<a href="#">71, 39.654, 68.994</a>
Yxy	<a href="#">42.3160, 0.4203, 0.3955</a>
Android (android.graphics.Color)	<a href="#">4292584299</a> ( <a href="#">0xFFDBA36B</a> )
YUV	<a href="#">173.3600, -32.7155, 40.0263</a>
Hunter-Lab	<a href="#">65.0507, 9.5442, 27.5730</a>

# Details

The Hex color **DBA36B** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6BA3DB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDA9F**, and **A16F3A** is the 20% darker color. If you saturate the color by 10%, you get **DB9855**, and if you desaturate by 10%, it is **DBAE81**.

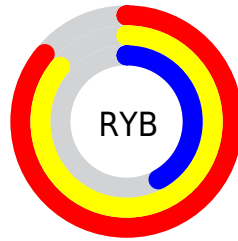
# Distribution



Red (86%)

Green (64%)

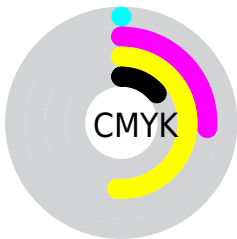
Blue (42%)



Red (86%)

Yellow (86%)

Blue (42%)

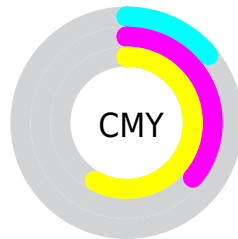


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBA36B 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 DBA36B by changing the saturation by 10% instead.



 DBA36B

FFFFFF

 FFDA9F

 FFF6BA

 FFFFFD6

 FFFFFF3

 DBA36B

 BE8952

 A16F3A

 855723

 6A400A

 502900

 351500

 1E0000

 000000

 DBA36B

 DBA36B

 DB9855

 DBAE81

 DB8D3F

 DBB997

 DB8229

 DBC4AD

 DB7713

 DBCFC3

 DB6E00

 DBDAD9

 DBE5EE

 DBF0FF

 DBFBFF

 DBFFFF

# Harmonies

## Analogous

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



F09782



DBA36B



BBAF66

# Triad

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



DBA36B



2DC1B8



C0A1E6

# Complementary

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



DBA36B



6BA3DB

# 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.



8BAEF5



DBA36B



00BFDA

# Square

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



DBA36B



66BF93



48B9F1



E495C9

# Rectangle

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



DBA36B



A1B66D



48B9F1



B0A5ED

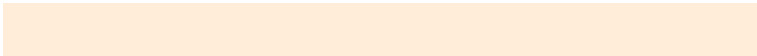


# Sweetspot

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



DBA36B



FFECD9



DB6BA3



807469



000000



808080



# Same Dimension

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



DBA36B



FFB163



DBDB6B



6E6863



AD5700



2E1700

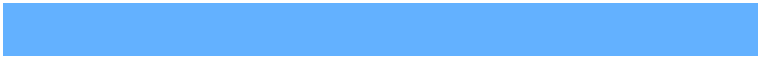


# Inverse Universe

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



6BA3DB



63B1FF



6B6BDB



63686E



0057AD

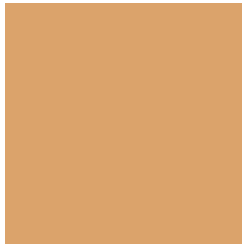


00172E



# Previews

## White Background



This preview shows how the Hex color DBA36B looks on a white background.

## Color Contrast Check

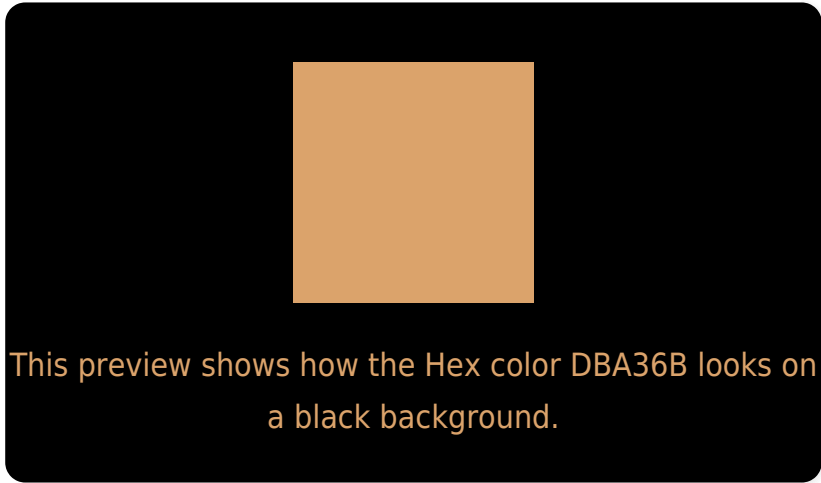
Large Text (above 18pt) WCAG AA × Fail

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

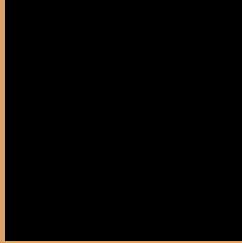
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBA36B Background



This preview shows how black text looks on a background with the Hex color DBA36B.

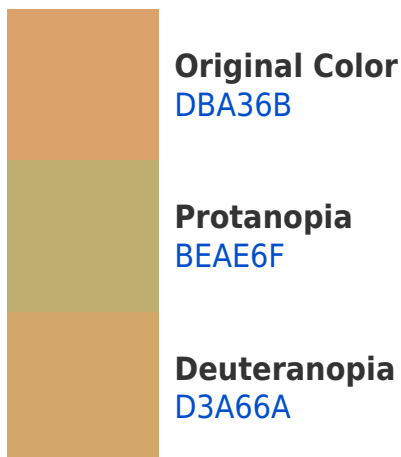


This preview shows how white text looks on a background with the Hex color DBA36B.

# 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](#).

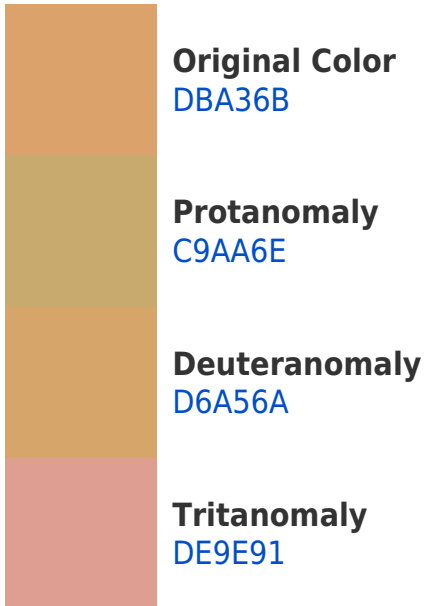
## Dichromacy



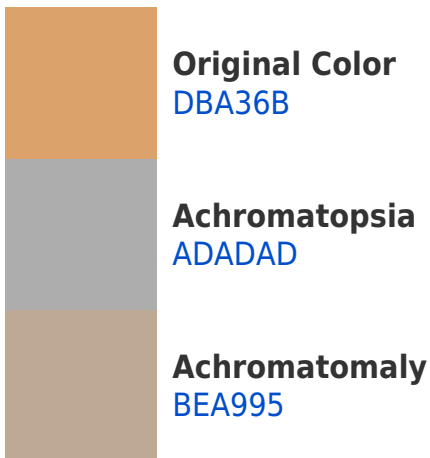


**Tritanopia**  
E09BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBA36B 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 #DBA36B looks like.

```
.text, #text, p{  
    color:#DBA36B  
}
```

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 #DBA36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBA36B  
}
```

## Border

The CSS property to change the border of an element to Hex DBA36B 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  
#DBA36B }
```

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

```
.border{ border-color:#DBA36B }
```

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

Here you see how a box with a 4 pixel #DBA36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBA36B; -webkit-box-shadow:4px 4px  
4px 4px #DBA36B; box-shadow:4px 4px 4px  
4px #DBA36B }
```

# Background

The CSS property to change the background color of an element to Hex DBA36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBA36B }
```

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

```
.background{ background-color:#DBA36B }
```

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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