

# Converting Colors

Hex(DBAF79)

Have a look what the booklet for  
Hex(DBAF79) contains.

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# **Color**

**Hex(DBAF79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBAF79
RGB	219, 175, 121
RGB Percent	86%, 69%, 47%
CMY	0.1412, 0.3137, 0.5255
CMYK	0.00, 0.20, 0.45, 0.14
HSL	33°, 58%, 67%
HSV	33°, 45%, 86%
XYZ	47.9946, 47.1005, 24.6509
YIQ	182.0000, 43.5580, -7.4660

# Conversions

## Conversions Part 2

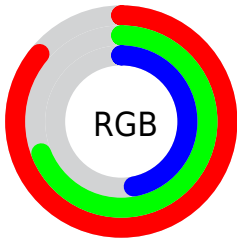
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 219, 121
Decimal	14397305
CIE <sub>Lab</sub>	74.25, 9.13, 33.71
CIE <sub>LCh</sub>	74, 34.930, 74.846
Yxy	47.1005, 0.4008, 0.3933
Android (android.graphics.Color)	4292587385 (0xFFDBAF79)
YUV	182.0000, -30.0730, 32.4490
Hunter-Lab	68.6298, 4.7275, 26.7447

# Details

The Hex color **DBAF79** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **79A5DB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE6AE**, and **A27B47** is the 20% darker color. If you saturate the color by 10%, you get **DBA563**, and if you desaturate by 10%, it is **DBB98F**.

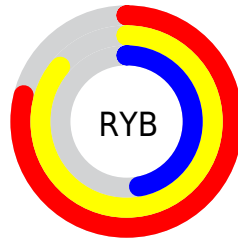
# Distribution



Red (86%)

Green (69%)

Blue (47%)



Red (79%)

Yellow (86%)

Blue (47%)

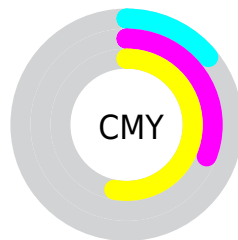


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBAF79 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 DBAF79 by changing the saturation by 10% instead.



 DBAF79

 DBAF79

FFFFFF

 BE9460

 FFE6AE


 A27B47

 FFFFCA

 866230

 FFFFE6

 6B4A19

 513400

 381E00

 200800

 000000

 DBAF79

 DBAF79

 DBA563

 DBB98F

 DB9B4D

 DBC3A5

 DB9237

 DBCCBB

 DB8821

 DBD6D1

 DB7E0C

 DBE0E7

 DB7900

 DBEAFC

 DBF4FF

 DBFEFF

 DBFFFF

# Harmonies

## Analogous

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



F0A58B



DBAF79



BDBA78

# Triad

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



DBAF79



4FC8C6



CFA9E4

# Complementary

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



DBAF79



79A5DB

# 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.



A3B4F4



DBAF79



4BC5E3

# Square

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



DBAF79



72C7A5



71BEF4



EBA0C8

# Rectangle

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



DBAF79



A5C081



71BEF4



C2ACEB

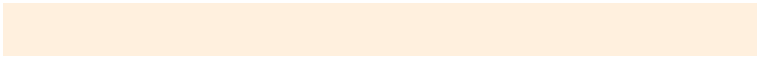


# Sweetspot

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



DBAF79



FFF0DE



DB79A5



80766B



000000



808080



# Same Dimension

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



DBAF79



FFC175



D6DB79



6E6963



AD6000



2E1900

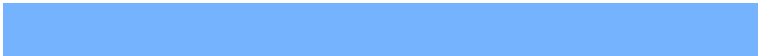


# Inverse Universe

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



79A5DB



75B3FF



7E79DB



63686E



004EAD

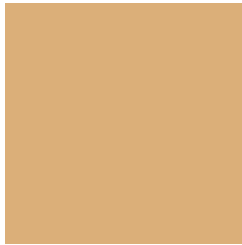


00152E



# Previews

## White Background



This preview shows how the Hex color DBAF79 looks on a white background.

## Color Contrast Check

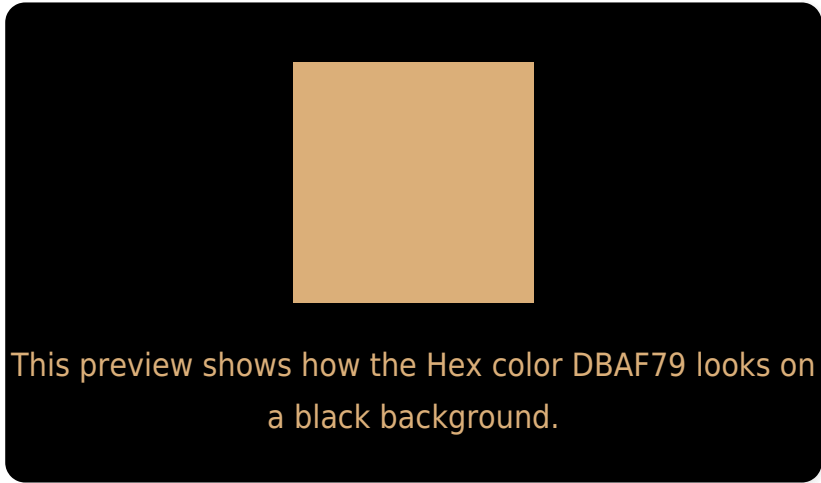
Large Text (above 18pt) WCAG AA × Fail

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

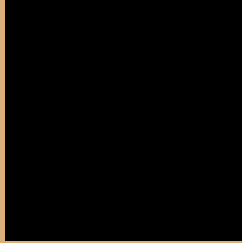
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBAF79 Background



This preview shows how black text looks on a background with the Hex color DBAF79.



This preview shows how white text looks on a background with the Hex color DBAF79.

# 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**  
DBAF79

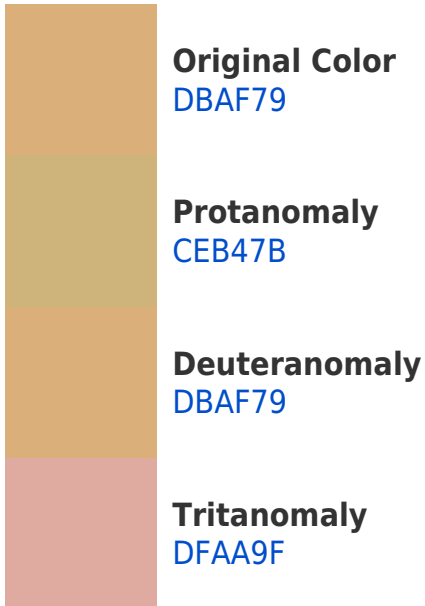
**Protanopia**  
C6B77C

**Deuteranopia**  
DBAF79

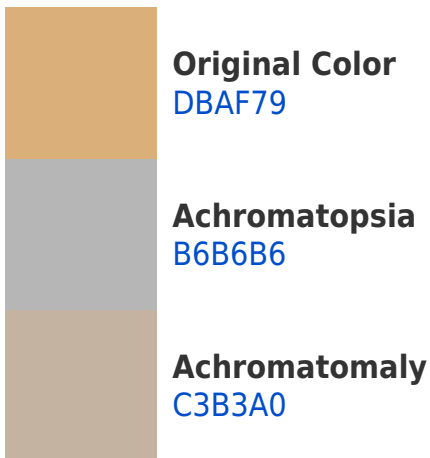


**Tritanopia**  
E1A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBAF79 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 #DBAF79 looks like.

```
.text, #text, p{  
    color:#DBAF79  
}
```

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 #DBAF79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBAF79
}
```

## Border

The CSS property to change the border of an element to Hex DBAF79 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
#DBAF79 }
```

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

```
.border{ border-color:#DBAF79 }
```

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

Here you see how a box with a 4 pixel #DBAF79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBAF79; -webkit-box-shadow:4px 4px  
4px 4px #DBAF79; box-shadow:4px 4px 4px  
4px #DBAF79 }
```

# Background

The CSS property to change the background color of an element to Hex DBAF79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBAF79 }
```

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

```
.background{ background-color:#DBAF79 }
```

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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