

# Converting Colors

Hex(DBD596)

Have a look what the booklet for  
Hex(DBD596) contains.

<b>Hex(DBD596)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DBD596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD596
RGB	219, 213, 150
RGB Percent	86%, 84%, 59%
CMY	0.1412, 0.1647, 0.4118
CMYK	0.00, 0.03, 0.32, 0.14
HSL	55°, 49%, 72%
HSV	55°, 32%, 86%
XYZ	58.5127, 64.8506, 38.2876
YIQ	207.6120, 23.7990, -18.3210

# Conversions

## Conversions Part 2

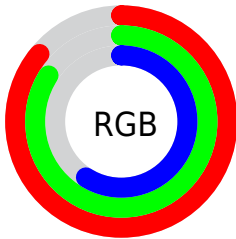
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 219, 150</a>
Decimal	<a href="#">14407062</a>
CIELab	<a href="#">84.41, -7.44, 31.95</a>
CIELCh	<a href="#">84, 32.805, 103.114</a>
Yxy	<a href="#">64.8506, 0.3620, 0.4012</a>
Android (android.graphics.Color)	<a href="#">4292597142 (0xFFDDBD596)</a>
YUV	<a href="#">207.6120, -28.4027, 9.9873</a>
Hunter-Lab	<a href="#">80.5299, -11.2298, 28.1817</a>

# Details

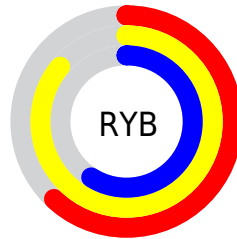
The Hex color **DBD596** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **969CDB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFCD**, and **A39E62** is the 20% darker color. If you saturate the color by 10%, you get **DBD380**, and if you desaturate by 10%, it is **DBD7AC**.

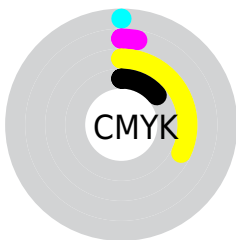
# Distribution



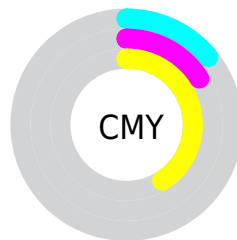
- Red (86%)
- Green (84%)
- Blue (59%)



- Red (62%)
- Yellow (86%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBD596 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 DBD596 by changing the saturation by 10% instead.



 DBD596

 DBD596

FFFFFF

 BFB97C

 FFFFCF

 A39E62

 FFFFEE

 88844A

 6E6B32

 55531B

 3C3C03

 252700

 051300

 000000

 DBD596

 DBD596

 DBD380

 DBD7AC

 DBD16A

 DBD9C2

 DBCF54

 DBDBD8

 DBCD3E

 DBDDEE

 DBCB29

 DBDFFF

 DBCA13

 DBE0FF

 DBC800

 DBE2FF

 DBE4FF

 DBE6FF

# Harmonies

## Analogous

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



F8CB98



DBD596



B8DDA5

# Triad

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



DBD596



76E1FC



FFBEE5

# Complementary

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



DBD596



969CDB

# Split Complementary

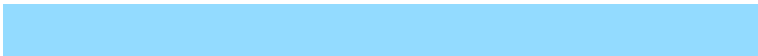
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8C6FF



DBD596



93DBFF

# Square

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



DBD596



79E4E0



BFD1FF



FFBCC6

# Rectangle

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



DBD596



A0E1B6



BFD1FF



FDC0EF



# Sweetspot

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



DBD596



FFFDE8



DB969D



807E71



000000



808080



# Same Dimension

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



DBD596



FFF79E



BFDB96



6E6D63



AD9E00



2E2A00



# Inverse Universe

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



969CDB



9EA7FF



B296DB



63646E



000FAD

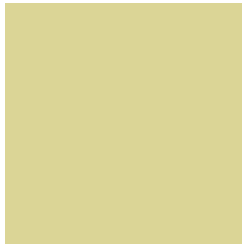


00042E



# Previews

## White Background



This preview shows how the Hex color DBD596 looks on a white background.

## Color Contrast Check

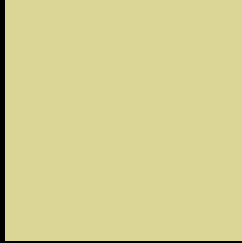
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DBD596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

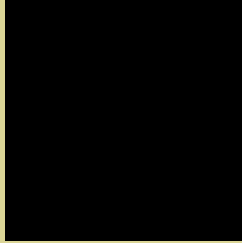
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

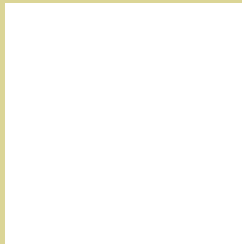
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBD596 Background



This preview shows how black text looks on a background with the Hex color DBD596.

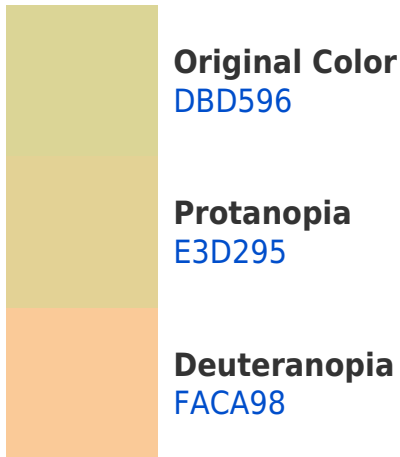


This preview shows how white text looks on a background with the Hex color DBD596.

# Color Blindness Simulation

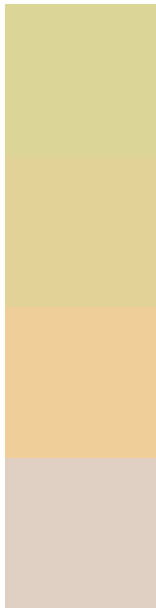
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
DBD596

**Protanomaly**  
E0D395

**Deuteranomaly**  
EFCE97

**Tritanomaly**  
E0CFC3

# Monochromacy



**Original Color**  
DBD596

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D4D2BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBD596 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 #DBD596 looks like.

```
.text, #text, p{  
    color:#DBD596  
}
```

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 #DBD596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD596
}
```

## Border

The CSS property to change the border of an element to Hex DBD596 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
#DBD596 }
```

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

```
.border{ border-color:#DBD596 }
```

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

Here you see how a box with a 4 pixel #DBD596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD596; -webkit-box-shadow:4px 4px  
4px 4px #DBD596; box-shadow:4px 4px 4px  
4px #DBD596 }
```

# Background

The CSS property to change the background color of an element to Hex DBD596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD596 }
```

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

```
.background{ background-color:#DBD596 }
```

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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