

# Converting Colors

Hex(DBD240)

Have a look what the booklet for  
Hex(DBD240) contains.

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# **Color**

**Hex(DBD240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD240
RGB	219, 210, 64
RGB Percent	86%, 82%, 25%
CMY	0.1412, 0.1765, 0.7490
CMYK	0.00, 0.04, 0.71, 0.14
HSL	57°, 68%, 55%
HSV	57°, 71%, 86%
XYZ	53.1854, 61.5234, 13.9225
YIQ	196.0470, 52.2300, -43.4980

# Conversions

## Conversions Part 2

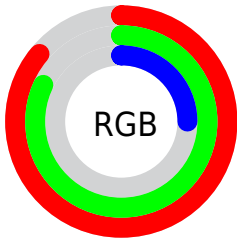
Format	Color
<a href="#">RYB</a>	<a href="#">74, 219, 64</a>
Decimal	<a href="#">14406208</a>
CIELab	<a href="#">82.66, -13.23, 69.34</a>
CIELCh	<a href="#">83, 70.595, 100.804</a>
Yxy	<a href="#">61.5234, 0.4135, 0.4783</a>
Android (android.graphics.Color)	<a href="#">4292596288 (0xFFDDBD240)</a>
YUV	<a href="#">196.0470, -65.0992, 20.1298</a>
Hunter-Lab	<a href="#">78.4369, -16.2296, 44.3818</a>

# Details

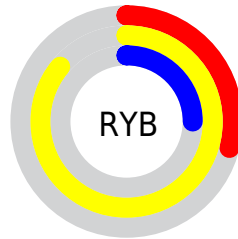
The Hex color **DBD240** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4049DB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF79**, and **A09C00** is the 20% darker color. If you saturate the color by 10%, you get **DBD12A**, and if you desaturate by 10%, it is **DBD356**.

# Distribution



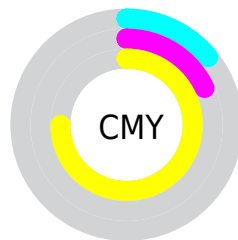
- Red (86%)
- Green (82%)
- Blue (25%)



- Red (29%)
- Yellow (86%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (71%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBD240 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 DBD240 by changing the saturation by 10% instead.



 DBD240

 DBD240

FFFFFF

 BDB71F

 FFFF79

 A09C00

 FFFF95

 848200

 FFFFB1

 686900

 FFFFCE

 4D5100

 FFFFEB

 323A00

 192500

 001100

 000000

 DBD240

 DBD240

 DBD12A

 DBD356

 DBCF14

 DBD56C

 DBCE00

 DBD682

 DBD798

 DBD8AD

 DBDAC3

 DBDBD9

 DBDCEF

 DBDDFF

# Harmonies

## Analogous

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



FFBB4C



DBD240



92E263

# Triad

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



DBD240



00EBFF



FF99FB

# Complementary

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



DBD240



4049DB

# 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.



F1B2FF



DBD240



00E1FF

# Square

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



DBD240



00EEE5



7CCDFE



FF91B8

# Rectangle

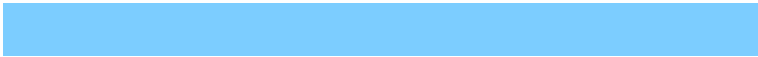
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBD240



4BE98A



7CCDFE



FFA0FF



# Sweetspot

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



DBD240



FFFCC9



DB404A



807E60



000000



808080



# Same Dimension

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



DBD240



FFF226



98DB40



6E6D63



ADA300



2E2B00



# Inverse Universe

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



4049DB



2633FF



8340DB



63636E



000AAD



00032E



# Previews

## White Background



This preview shows how the Hex color DBD240 looks on a white background.

## Color Contrast Check

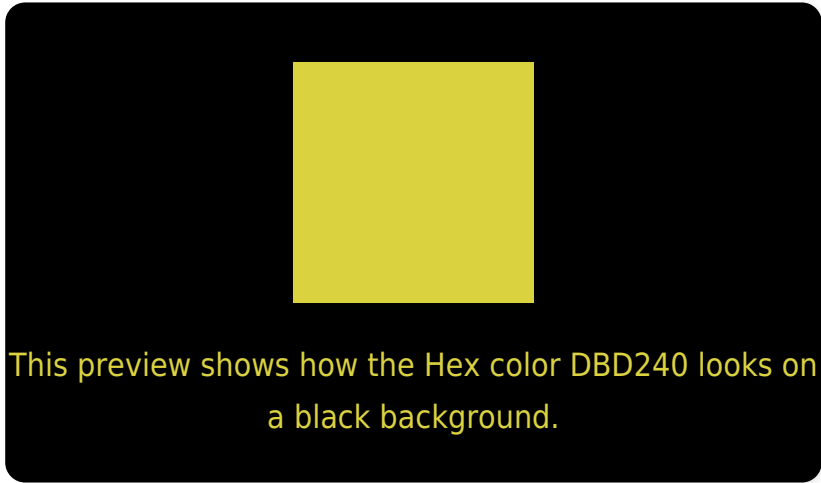
Large Text (above 18pt) WCAG AA × Fail

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 DBD240 Background



This preview shows how black text looks on a background with the Hex color DBD240.

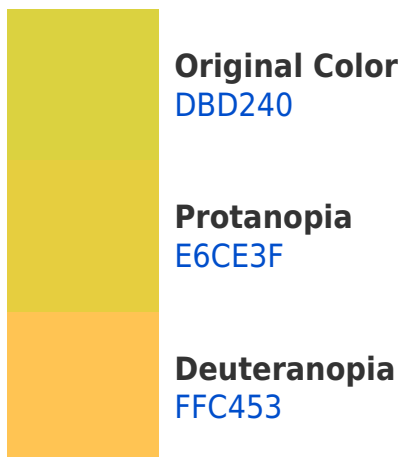


This preview shows how white text looks on a background with the Hex color DBD240.

# 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](#).

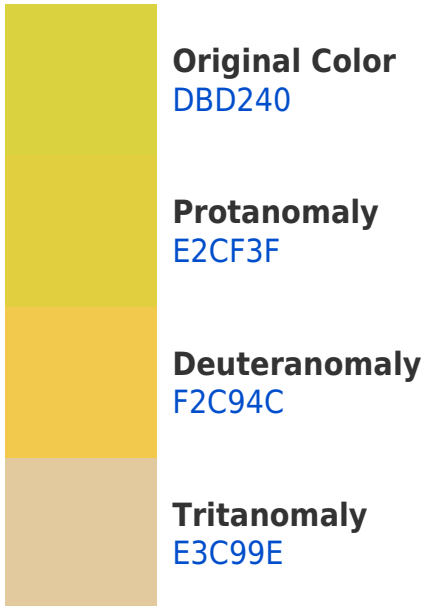
## Dichromacy



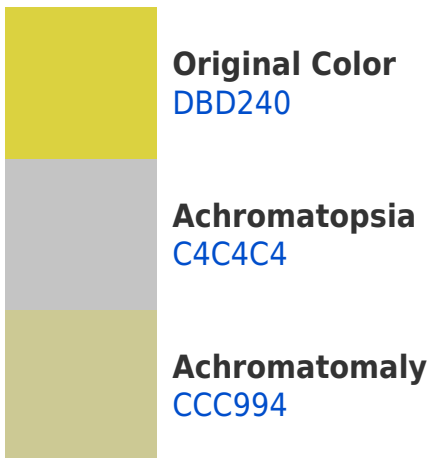


**Tritanopia**  
E7C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBD240 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 #DBD240 looks like.

```
.text, #text, p{  
    color:#DBD240  
}
```

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 #DBD240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD240
}
```

## Border

The CSS property to change the border of an element to Hex DBD240 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
#DBD240 }
```

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

```
.border{ border-color:#DBD240 }
```

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

Here you see how a box with a 4 pixel #DBD240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD240; -webkit-box-shadow:4px 4px  
4px 4px #DBD240; box-shadow:4px 4px 4px  
4px #DBD240 }
```

# Background

The CSS property to change the background color of an element to Hex DBD240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD240 }
```

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

```
.background{ background-color:#DBD240 }
```

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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