

# Converting Colors

Hex(DDB475)

Have a look what the booklet for  
Hex(DDB475) contains.

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# **Color**

**Hex(DDB475)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DDB475                      |
| RGB         | 221, 180, 117               |
| RGB Percent | 87%, 71%, 46%               |
| CMY         | 0.1333, 0.2941, 0.5412      |
| CMYK        | 0.00, 0.19, 0.47, 0.13      |
| HSL         | 36°, 60%, 66%               |
| HSV         | 36°, 47%, 87%               |
| XYZ         | 49.3509, 49.2990, 23.7442   |
| YIQ         | 185.0770, 44.6590, -10.9010 |

# Conversions

## Conversions Part 2

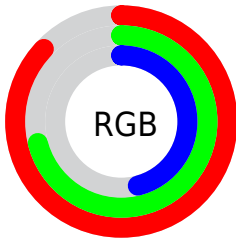
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 185, 221, 117                  |
| Decimal                             | 14529653                       |
| CIELab                              | 75.64, 6.89, 37.61             |
| CIELCh                              | 76, 38.238, 79.625             |
| Yxy                                 | 49.2990, 0.4032,<br>0.4028     |
| Android<br>(android.graphics.Color) | 4292719733<br>(0xFFDDB475)     |
| YUV                                 | 185.0770, -33.5620,<br>31.5045 |
| Hunter-Lab                          | 70.2133, 2.5894,<br>29.0990    |

# Details

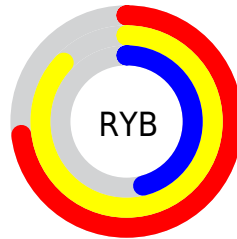
The Hex color **DDB475** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **759EDD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFECAA**, and **A47F43** is the 20% darker color. If you saturate the color by 10%, you get **DDAB5F**, and if you desaturate by 10%, it is **DDBD8B**.

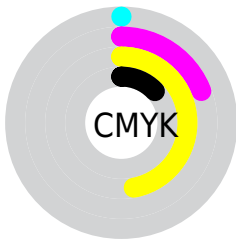
# Distribution



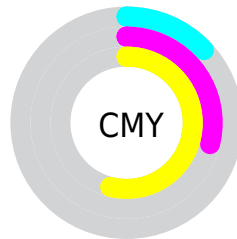
- Red (87%)
- Green (71%)
- Blue (46%)



- Red (73%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDB475 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 DDB475 by changing the saturation by 10% instead.



 DDB475

 DDB475

FFFFFF

 C0995C

 FFECAA

 A47F43

 FFFFC6

 88662B

 FFFFE2

 6D4F13

 533800

 392200

 210E00

 000000

 DDB475

 DDB475

 DDAB5F

 DDBD8B

 DDA349

 DDC5A1

 DD9A33

 DDCEB7

 DD911D

 DDD7CD

 DD8807

 DDE0E3

 DD8600

 DDE8FA

 DDF1FF

 DDFAFF

 DDFFFF

# Harmonies

## Analogous

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



F6A886



DDB475



BBBF77

# Triad

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



DDB475



3BCDD1



DBA9E8

# Complementary

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



DDB475



759EDD

# 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.



ADB6FD



DDB475



3ECAEF

# Square

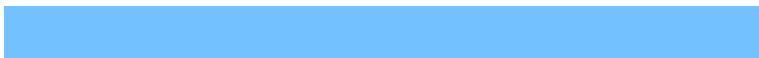
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDB475



66CDAC



74C1FF



F7A0C8

# Rectangle

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



DDB475



A0C683



74C1FF



CDADF1



# Sweetspot

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



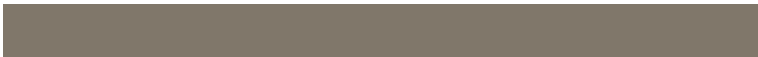
DDB475



FFF1DB



DD759F



80776A



000000



808080



# Same Dimension

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



DDB475



FFC770



D3DD75



6E6963



AD6900



2E1C00

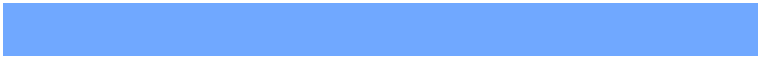


# Inverse Universe

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



759EDD



70A8FF



7F75DD



63676E



0044AD



00122E



# Previews

## White Background



This preview shows how the Hex color DDB475 looks on a white background.

## Color Contrast Check

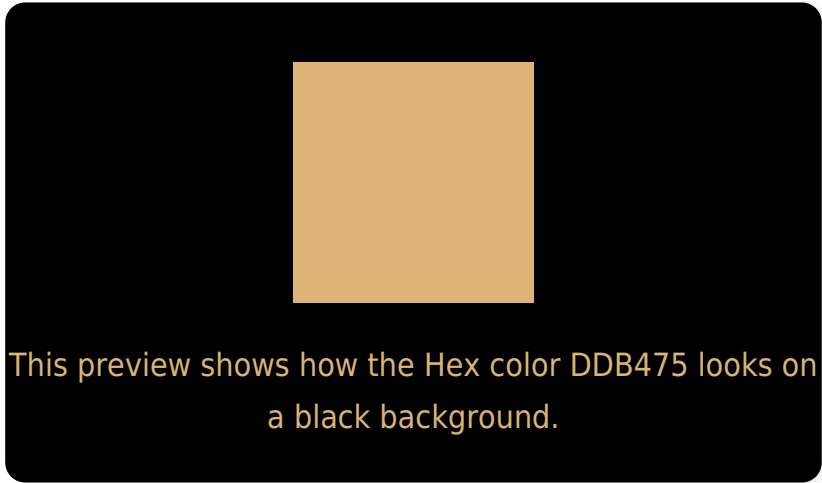
Large Text (above 18pt) WCAG AA × Fail

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

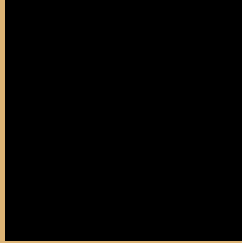
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDB475 Background



This preview shows how black text looks on a background with the Hex color DDB475.



This preview shows how white text looks on a background with the Hex color DDB475.

# 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](#).

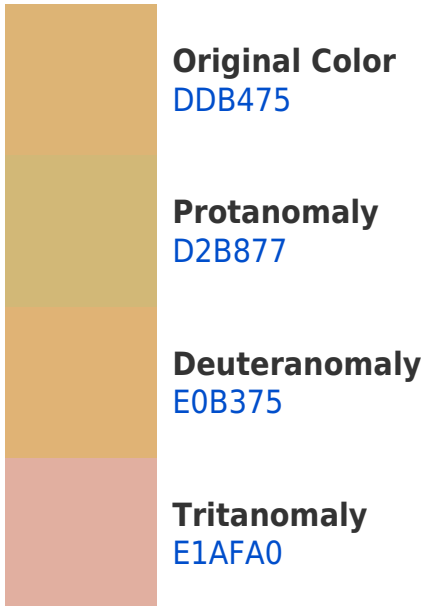
## Dichromacy



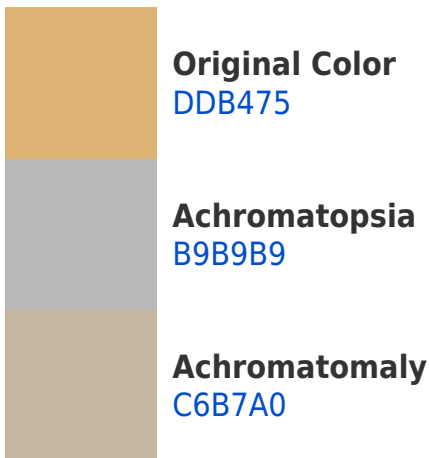


**Tritanopia**  
E3ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDB475 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 #DDB475 looks like.

```
.text, #text, p{  
    color:#DDB475  
}
```

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 #DDB475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDB475
}
```

## Border

The CSS property to change the border of an element to Hex DDB475 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
#DDB475 }
```

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

```
.border{ border-color:#DDB475 }
```

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

Here you see how a box with a 4 pixel #DDB475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDB475; -webkit-box-shadow:4px 4px  
4px 4px #DDB475; box-shadow:4px 4px 4px  
4px #DDB475 }
```

# Background

The CSS property to change the background color of an element to Hex DDB475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDB475 }
```

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

```
.background{ background-color:#DDB475 }
```

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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