

Converting Colors

Hex(DDBD48)

Have a look what the booklet for
Hex(DDBD48) contains.

Hex(DDBD48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DDBD48)

Conversions

Conversions Part 1

Format	Color
Hex	DDBD48
RGB	221, 189, 72
RGB Percent	87%, 74%, 28%
CMY	0.1333, 0.2588, 0.7176
CMYK	0.00, 0.14, 0.67, 0.13
HSL	47°, 69%, 57%
HSV	47°, 67%, 87%
XYZ	49.1861, 52.2352, 13.6209
YIQ	185.2300, 56.6290, -29.6030

Conversions

Conversions Part 2

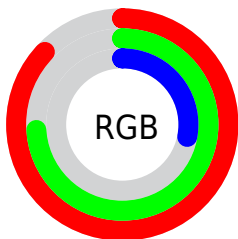
Format	Color
RYB	113, 221, 72
Decimal	14531912
CIELab	77.42, -1.25, 61.05
CIELCh	77, 61.058, 91.176
Yxy	52.2352, 0.4275, 0.4541
Android (android.graphics.Color)	4292721992 (0xFFDDBD48)
YUV	185.2300, -55.8224, 31.3703
Hunter-Lab	72.2739, -5.0011, 39.4178

Details

The Hex color **DDBD48** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4868DD**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF57E**, and **A28807** is the 20% darker color. If you saturate the color by 10%, you get **DDB832**, and if you desaturate by 10%, it is **DDC25E**.

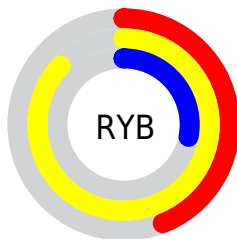
Distribution



Red (87%)

Green (74%)

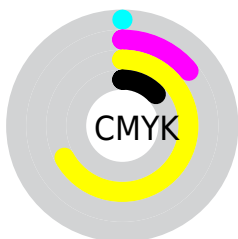
Blue (28%)



Red (44%)

Yellow (87%)

Blue (28%)

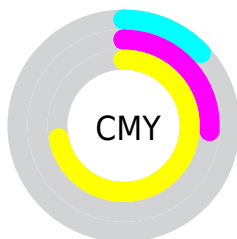


Cyan (0%)

Magenta (14%)

Yellow (67%)

Black (13%)



Cyan (13%)

Magenta (26%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDBD48 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 DDBD48 by changing the saturation by 10% instead.



DDBD48



DDBD48

FFFFFF



BFA22C



FFF57E



A28807



FFF999



866F00



FFF850



6A5700



FFF666



4F4000



FFF4D0



352A00



1C1600



000000



DDBD48



DDBD48

 DDB832

 DDC25E

 DDB41C

 DDC674

 DDAF06

 DDCB8A

 DDAE00

 DDD0A0

 DDD5B7

 DDD9CD

 DDDEE3

 DDE3F9

 DDE8FF

Harmonies

Analogous

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



FFA85C



DDBD48



A3CD59

Triad

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



DDBD48



00DAF8



FF99F7

Complementary

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



DDBD48



4868DD

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.



C5AFFF



DDBD48



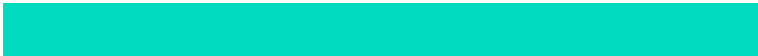
00D3FF

Square

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



DDBD48



00DBC0



4FC5FF



FF8DBF

Rectangle

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



DDBD48



74D475



4FC5FF



F4A0FF

Sweetspot

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



DDBD48



FFF4CC



DD4868



807961



000000



808080

Same Dimension

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



DDBD48



FFD330



B3DD48



6E6B63



AD8800



2E2400

Inverse Universe

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



4868DD



305DFF



7248DD



63656E



0025AD



000A2E

Previews

White Background



This preview shows how the Hex color DDBD48 looks on a white background.

Color Contrast Check

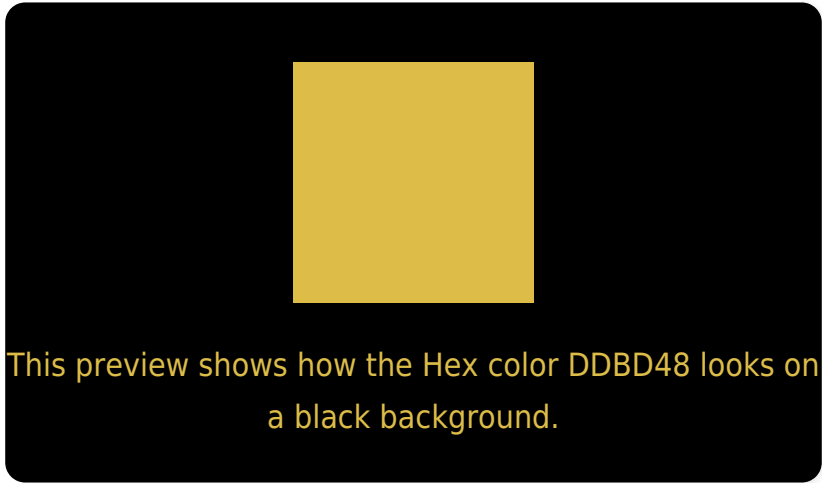
Large Text (above 18pt) WCAG AA × Fail

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 DDBD48 Background



This preview shows how black text looks on a background with the Hex color DDBD48.



This preview shows how white text looks on a background with the Hex color DDBD48.

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
DDBD48

Protanopia
D6C049

Deuteranopia
EEB64A

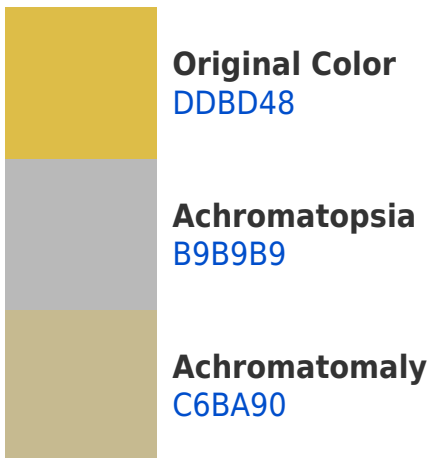


Tritanopia
E6B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDBD48 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 #DDBD48 looks like.

```
.text, #text, p{  
    color:#DDBD48  
}
```

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 #DDBD48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDBD48
}
```

Border

The CSS property to change the border of an element to Hex DDBD48 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
#DDBD48 }
```

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

```
.border{ border-color:#DDBD48 }
```

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

Here you see how a box with a 4 pixel #DDBD48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDBD48; -webkit-box-shadow:4px 4px  
4px 4px #DDBD48; box-shadow:4px 4px 4px  
4px #DDBD48 }
```

Background

The CSS property to change the background color of an element to Hex DDBD48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDBD48 }
```

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

```
.background{ background-color:#DDBD48 }
```

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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