

Converting Colors

Hex(DDB78A)

Have a look what the booklet for
Hex(DDB78A) contains.

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Color

Hex(DDB78A)

Conversions

Conversions Part 1

Format	Color
Hex	DDB78A
RGB	221, 183, 138
RGB Percent	87%, 72%, 54%
CMY	0.1333, 0.2824, 0.4588
CMYK	0.00, 0.17, 0.38, 0.13
HSL	33°, 55%, 70%
HSV	33°, 38%, 87%
XYZ	51.3397, 51.0741, 31.1971
YIQ	189.2320, 37.0930, -5.9390

Conversions

Conversions Part 2

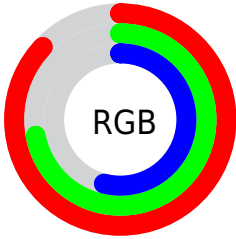
Format	Color
R_{YB}	208, 221, 138
Decimal	14530442
CIE _{Lab}	76.72, 7.53, 28.02
CIE _{LCh}	77, 29.012, 74.960
Yxy	51.0741, 0.3842, 0.3823
Android (android.graphics.Color)	4292720522 (0xFFDDB78A)
YUV	189.2320, -25.2574, 27.8605
Hunter-Lab	71.4661, 3.1648, 24.1444

Details

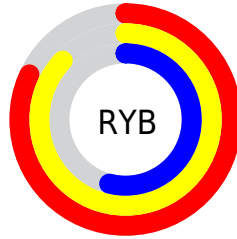
The Hex color **DDB78A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8AB0DD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFEFC0**, and **A48258** is the 20% darker color. If you saturate the color by 10%, you get **DDAD74**, and if you desaturate by 10%, it is **DDC1A0**.

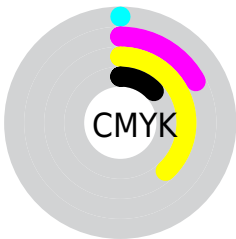
Distribution



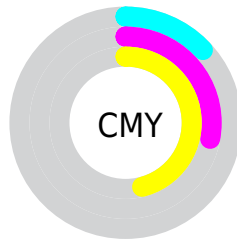
- Red (87%)
- Green (72%)
- Blue (54%)



- Red (82%)
- Yellow (87%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDB78A 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 DDB78A by changing the saturation by 10% instead.

 DDB78A

 DDB78A

FFFFFF

 C09C70

 FFEFC0

 A48258

 FFFFDC

 896940

 FFFFF8

 6F5129

 553A13

 3D2400

 241000

 000000

 DDB78A

 DDB78A

 DDAD74

 DDC1A0

 DDA35E

 DDCBB6

 DD9948

 DDD5CC

 DD8F32

 DDDFE2

 DD841B

 DDEAF9

 DD7A05

 DDF4FF

 DD7800

 DDFFFF

 DDFFFF

Harmonies

Analogous

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



EFAF99



DDB78A



C3C089

Triad

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



DDB78A



70CCCA



D2B2E3

Complementary

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



DDB78A



8AB0DD

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.



AFBBF1



DDB78A



6FCAE2

Square

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



DDB78A



86CBAF



89C4F1



EAABCC

Rectangle

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



DDB78A



AFC591



89C4F1



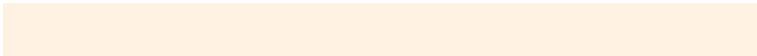
C7B5E9

Sweetspot

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



DDB78A



FFF2E3



DD8AB1



80786F



000000



808080

Same Dimension

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



DDB78A



FFCA8C



DADD8A



6E6963



AD5E00



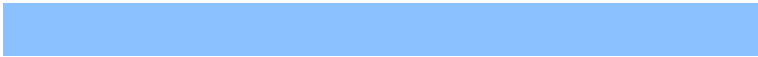
2E1900

Inverse Universe

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



8AB0DD



8CC1FF



8D8ADD



63686E



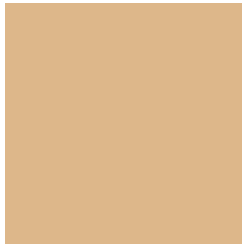
004FAD



00152E

Previews

White Background



This preview shows how the Hex color DDB78A looks on a white background.

Color Contrast Check

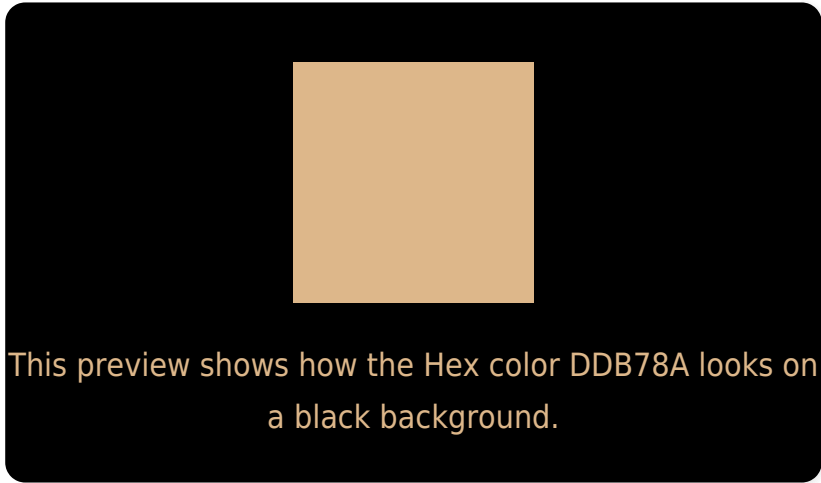
Large Text (above 18pt) WCAG AA × Fail

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

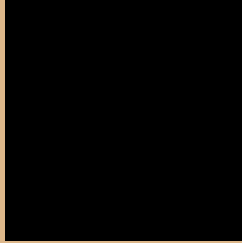
Any Text WCAG AA ✓ Pass

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 DDB78A Background



This preview shows how black text looks on a background with the Hex color DDB78A.

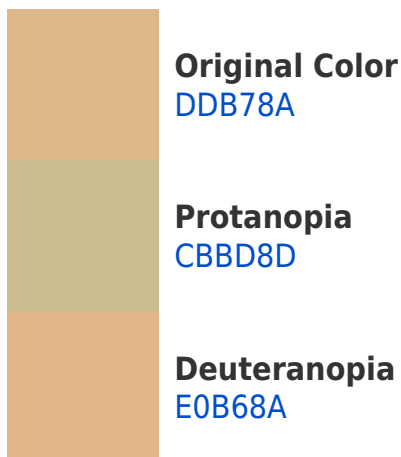


This preview shows how white text looks on a background with the Hex color DDB78A.

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](#).

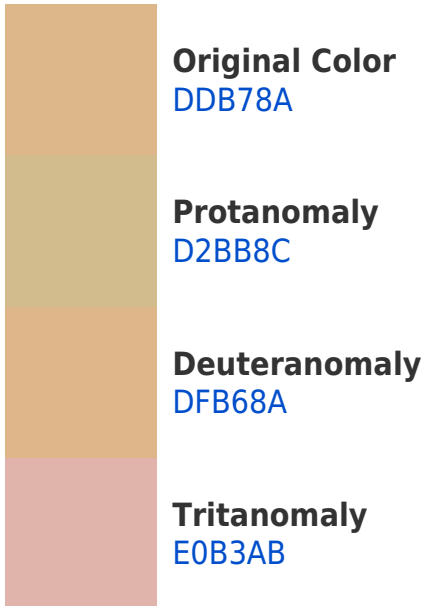
Dichromacy



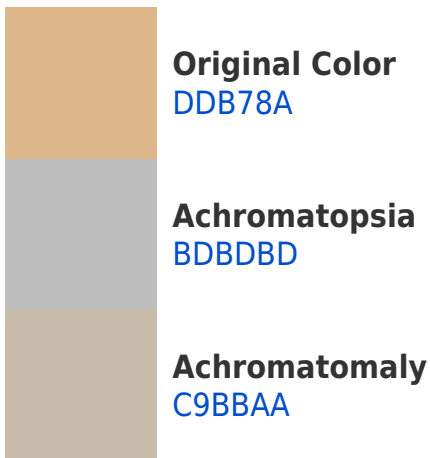


Tritanopia
E2B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDB78A 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 #DDB78A looks like.

```
.text, #text, p{  
    color:#DDB78A  
}
```

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 #DDB78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDB78A
}
```

Border

The CSS property to change the border of an element to Hex DDB78A 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
#DDB78A }
```

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

```
.border{ border-color:#DDB78A }
```

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

Here you see how a box with a 4 pixel #DDB78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDB78A; -webkit-box-shadow:4px 4px  
4px 4px #DDB78A; box-shadow:4px 4px 4px  
4px #DDB78A }
```

Background

The CSS property to change the background color of an element to Hex DDB78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDB78A }
```

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

```
.background{ background-color:#DDB78A }
```

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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