

Converting Colors

Hex(DDB291)

Have a look what the booklet for
Hex(DDB291) contains.

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Color

Hex(DDB291)

Conversions

Conversions Part 1

Format	Color
Hex	DDB291
RGB	221, 178, 145
RGB Percent	87%, 70%, 57%
CMY	0.1333, 0.3020, 0.4314
CMYK	0.00, 0.19, 0.34, 0.13
HSL	26°, 53%, 72%
HSV	26°, 34%, 87%
XYZ	50.8500, 49.2573, 33.6156
YIQ	187.0950, 36.2210, -1.1470

Conversions

Conversions Part 2

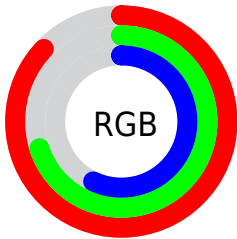
Format	Color
RYB	221, 203, 145
Decimal	14529169
CIELab	75.61, 11.03, 22.78
CIElCh	76, 25.306, 64.169
Yxy	49.2573, 0.3803, 0.3684
Android (android.graphics.Color)	4292719249 (0xFFDDB291)
YUV	187.0950, -20.7528, 29.7347
Hunter-Lab	70.1835, 6.5073, 20.7305

Details

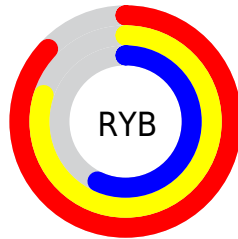
The Hex color **DDB291** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **91BCDD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFEAC7**, and **A57D5E** is the 20% darker color. If you saturate the color by 10%, you get **DDA57B**, and if you desaturate by 10%, it is **DDBFA7**.

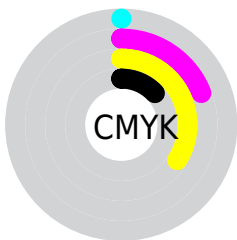
Distribution



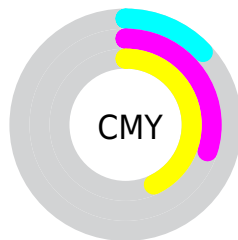
- Red (87%)
- Green (70%)
- Blue (57%)



- Red (87%)
- Yellow (80%)
- Blue (57%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (13%)



- Cyan (13%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDB291 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 DDB291 by changing the saturation by 10% instead.

 DDB291

 DDB291

FFFFFF

 C09777

 FFEAC7

 A57D5E

 FFFFFE3

 896446

 6F4C30

 55361A

 3D2001

 250B00

 000000

 DDB291

 DDB291

 DDA57B

 DDBFA7

 DD9965

 DDCBBD

 DD8C4F

 DDD8D3

 DD8039

 DDE4E9

 DD7322

 DDF1FF

 DD670C

 DDFDFF

 DD6000

 DDFFFF

Harmonies

Analogous

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



E9ACA1



DDB291



C8BA8C

Triad

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



DDB291



7EC8BD



C2B3E1

Complementary

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



DDB291



91BCDD

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.



A3BBE8



DDB291



77C6D4

Square

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



DDB291



94C6A5



85C2E4



DBACCF

Rectangle

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



DDB291



B8BF8F



85C2E4



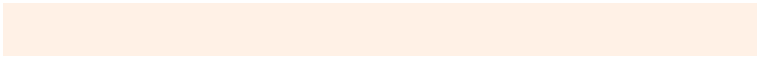
B8B6E5

Sweetspot

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



DDB291



FFF1E6



DD91BC



807770



000000



808080

Same Dimension

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



DDB291



FFC496



DDD891



6E6763



AD4B00



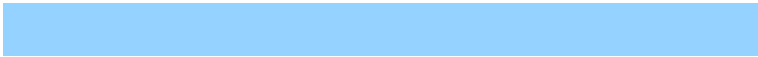
2E1400

Inverse Universe

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



91BCDD



96D2FF



9196DD



63696E



0062AD



001A2E

Previews

White Background



This preview shows how the Hex color DDB291 looks on a white background.

Color Contrast Check

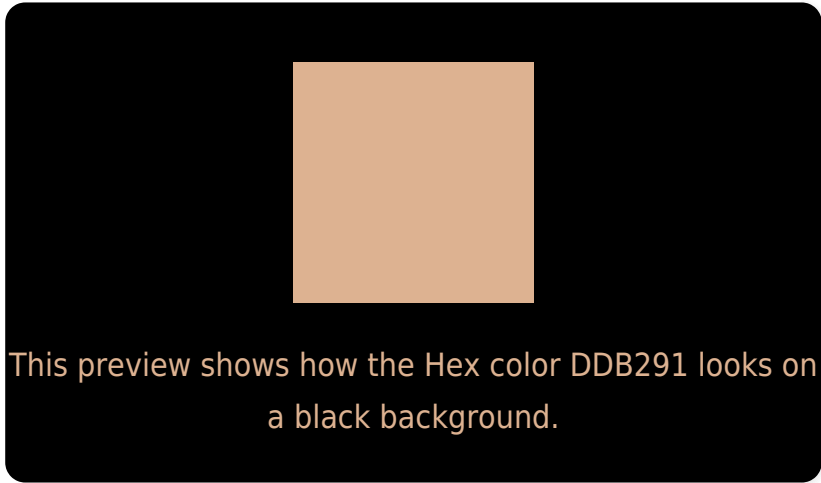
Large Text (above 18pt) WCAG AA × Fail

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

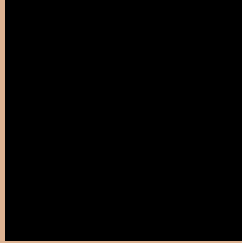
Any Text WCAG AA ✓ Pass

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 DDB291 Background



This preview shows how black text looks on a background with the Hex color DDB291.



This preview shows how white text looks on a background with the Hex color DDB291.

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

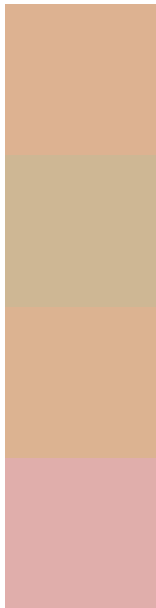


Original Color
DDB291

Protanopia
C6BA95

Deuteranopia
DDB391

Trichromacy



Original Color
DDB291

Protanomaly
CEB794

Deuteranomaly
DCB391

Tritanomaly
E0AEAB

Monochromacy



Original Color
DDB291

Achromatopsia
BBBBBB

Achromatomaly
C7B8AC

CSS Examples

Text

The CSS property to change the color of the text to Hex DDB291 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 #DDB291 looks like.

```
.text, #text, p{  
    color:#DDB291  
}
```

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 #DDB291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDB291
}
```

Border

The CSS property to change the border of an element to Hex DDB291 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
#DDB291 }
```

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

```
.border{ border-color:#DDB291 }
```

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

Here you see how a box with a 4 pixel #DDB291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDB291; -webkit-box-shadow:4px 4px  
4px 4px #DDB291; box-shadow:4px 4px 4px  
4px #DDB291 }
```

Background

The CSS property to change the background color of an element to Hex DDB291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDB291 }
```

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

```
.background{ background-color:#DDB291 }
```

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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