

# Converting Colors

Hex(DDA295)

Have a look what the booklet for  
Hex(DDA295) contains.

<b>Hex(DDA295)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(DDA295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDA295
RGB	221, 162, 149
RGB Percent	87%, 64%, 58%
CMY	0.1333, 0.3647, 0.4157
CMYK	0.00, 0.27, 0.33, 0.13
HSL	11°, 51%, 73%
HSV	11°, 33%, 87%
XYZ	48.1639, 43.3827, 34.2690
YIQ	178.1590, 39.3370, 8.4650

# Conversions

## Conversions Part 2

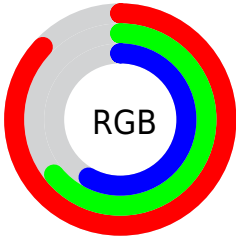
Format	Color
R <sub>Y</sub> B	221, 165, 149
Decimal	14525077
CIE Lab	71.81, 20.12, 15.36
CIE LCh	72, 25.310, 37.364
Yxy	43.3827, 0.3828, 0.3448
Android (android.graphics.Color)	4292715157 (0xFFDDA295)
YUV	178.1590, -14.3754, 37.5716
Hunter-Lab	65.8656, 15.2627, 15.2581

# Details

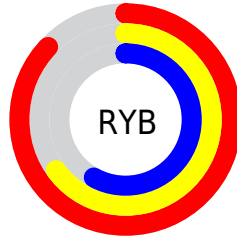
The Hex color **DDA295** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **95D0DD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD9CB**, and **A46E62** is the 20% darker color. If you saturate the color by 10%, you get **DD907F**, and if you desaturate by 10%, it is **DDB4AB**.

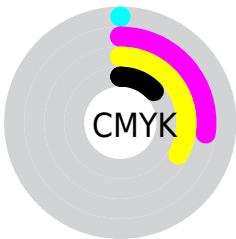
# Distribution



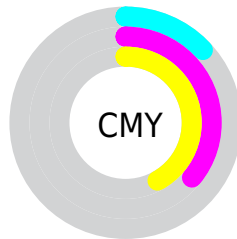
- Red (87%)
- Green (64%)
- Blue (58%)



- Red (87%)
- Yellow (65%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (36%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDA295 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 DDA295 by changing the saturation by 10% instead.



 DDA295

 DDA295

FFFFFF

 C0887B

 FFD9CB

 A46E62

 FFF6E7

 89554A

 6E3E34

 54271F

 3C1107

 260000

 000000

 DDA295

 DDA295

 DD907F

 DDB4AB

 DD7E69

 DDC6C1

 DD6C53

 DDD8D7

 DD5A3D

 DDEAED

 DD4727

 DDFDFF

 DD3510

 DDFFFF

 DD2800

# Harmonies

## Analogous

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



DE9FAB



DDA295



D0A986

# Triad

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



DDA295



87BB9D



9CB0DD

# Complementary

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



DDA295



95D0DD

# 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.



7DB7DA



DDA295



72BDB5

# Square

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



DDA295



A2B78B



6DBCCB



BBA8D5

# Rectangle

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



DDA295



C3AE82



6DBCCB



91B3DE

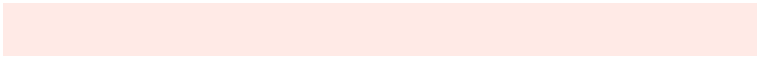


# Sweetspot

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



DDA295



FFEAE6



DD95D1



807370



000000



808080



# Same Dimension

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



DDA295



FFAE9C



DDC595



6E6563



AD1F00



2E0800

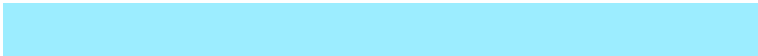


# Inverse Universe

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



95D0DD



9CEDFF



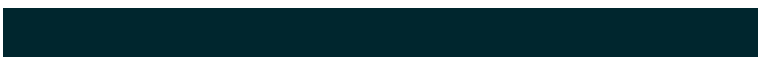
95ADDD



636C6E



008EAD



00262E



# Previews

## White Background



This preview shows how the Hex color DDA295 looks on a white background.

## Color Contrast Check

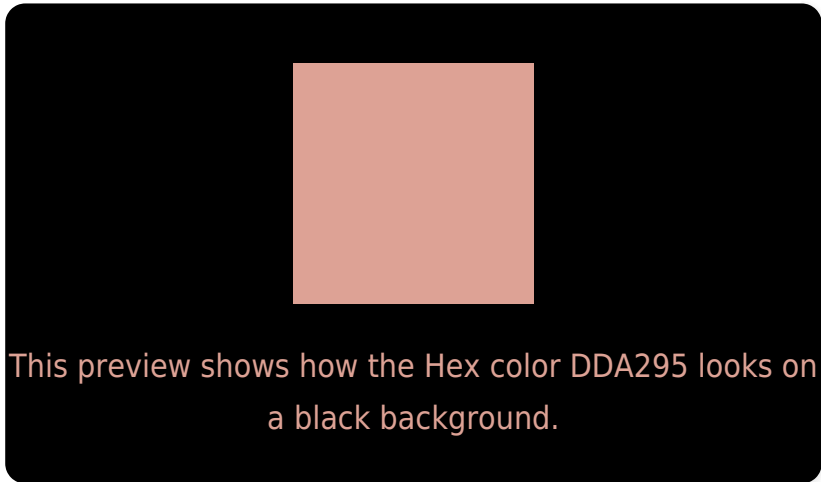
Large Text (above 18pt) WCAG AA × Fail

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 DDA295 Background



This preview shows how black text looks on a background with the Hex color DDA295.

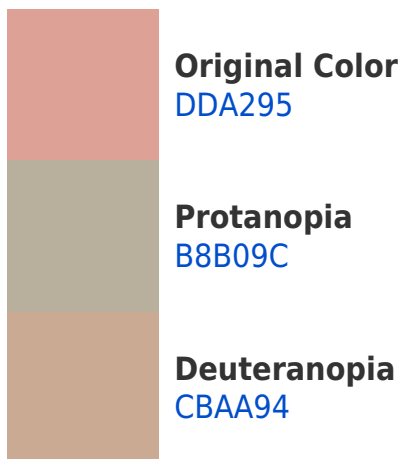


This preview shows how white text looks on a background with the Hex color DDA295.

# 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**  
DF9FAB

# Trichromacy



**Original Color**  
DDA295

**Protanomaly**  
C5AB99

**Deuteranomaly**  
D2A794

**Tritanomaly**  
DEA0A3

# Monochromacy



**Original Color**  
DDA295

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
C2ACA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDA295 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 #DDA295 looks like.

```
.text, #text, p{  
    color:#DDA295  
}
```

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 #DDA295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA295  
}
```

## Border

The CSS property to change the border of an element to Hex DDA295 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  
#DDA295 }
```

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

```
.border{ border-color:#DDA295 }
```

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

Here you see how a box with a 4 pixel #DDA295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA295; -webkit-box-shadow:4px 4px  
4px 4px #DDA295; box-shadow:4px 4px 4px  
4px #DDA295 }
```

# Background

The CSS property to change the background color of an element to Hex DDA295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA295 }
```

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

```
.background{ background-color:#DDA295 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor