

Converting Colors

Hex(DD836A)

Have a look what the booklet for
Hex(DD836A) contains.

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Color

Hex(DD836A)

Conversions

Conversions Part 1

Format	Color
Hex	DD836A
RGB	221, 131, 106
RGB Percent	87%, 51%, 42%
CMY	0.1333, 0.4863, 0.5843
CMYK	0.00, 0.41, 0.52, 0.13
HSL	13°, 63%, 64%
HSV	13°, 52%, 87%
XYZ	40.5366, 32.6454, 17.8003
YIQ	155.0600, 61.6650, 11.3050

Conversions

Conversions Part 2

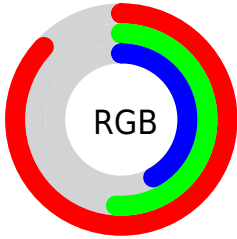
Format	Color
R_{YB}	221, 138, 106
Decimal	14517098
CIE Lab	63.87, 32.08, 28.35
CIE LCh	64, 42.816, 41.468
Yxy	32.6454, 0.4455, 0.3588
Android (android.graphics.Color)	4292707178 (0xFFDD836A)
YUV	155.0600, -24.1866, 57.8294
Hunter-Lab	57.1361, 26.6530, 21.5239

Details

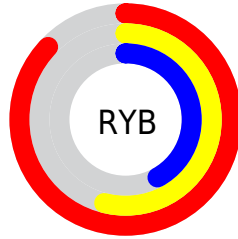
The Hex color **DD836A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6AC4DD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB99E**, and **A2503A** is the 20% darker color. If you saturate the color by 10%, you get **DD7254**, and if you desaturate by 10%, it is **DD9480**.

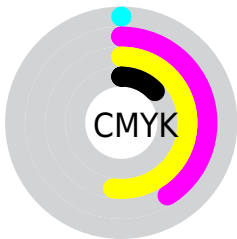
Distribution



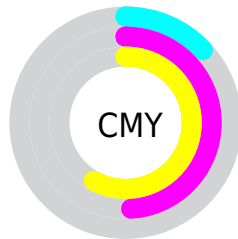
- Red (87%)
- Green (51%)
- Blue (42%)



- Red (87%)
- Yellow (54%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD836A 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 DD836A by changing the saturation by 10% instead.

 DD836A

 DD836A

FFFFFF

 BF6952

 FFB99E

 A2503A

 FFD5B9

 853824

 FFF2D4

 691F0F

 FFFFF1

 4E0500

 330000

 0E0000

 000000

 DD836A

 DD836A

 DD7254

 DD9480

 DD603E

 DDA696

 DD4F28

 DDB7AC

 DD3E12

 DDC8C2

 DD3000

 DDD9D9

 DDEBEF

 DDFCFF

 DDFFFF

Harmonies

Analogous

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



E37C8D



DD836A



C69052

Triad

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



DD836A



44AD81



789AE5

Complementary

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



DD836A



6AC4DD

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.



0EA5E2



DD836A



00AFA9

Square

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



DD836A



7AA760



00ACCC



B18BD4

Rectangle

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



DD836A



B0994D



00ACCC



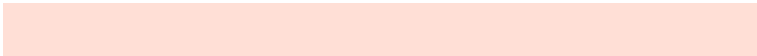
5F9EE7

Sweetspot

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



DD836A



FFDFD6



DD6AC4



806D67



000000



808080

Same Dimension

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



DD836A



FF8361



DDBC6A



6E6563



AD2600



2E0A00

Inverse Universe

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



6AC4DD



61DDFF



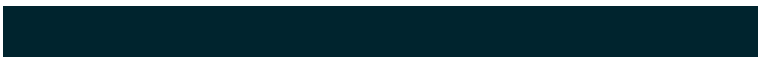
6A8BDD



636B6E



0088AD



00242E

Previews

White Background



This preview shows how the Hex color DD836A looks on a white background.

Color Contrast Check

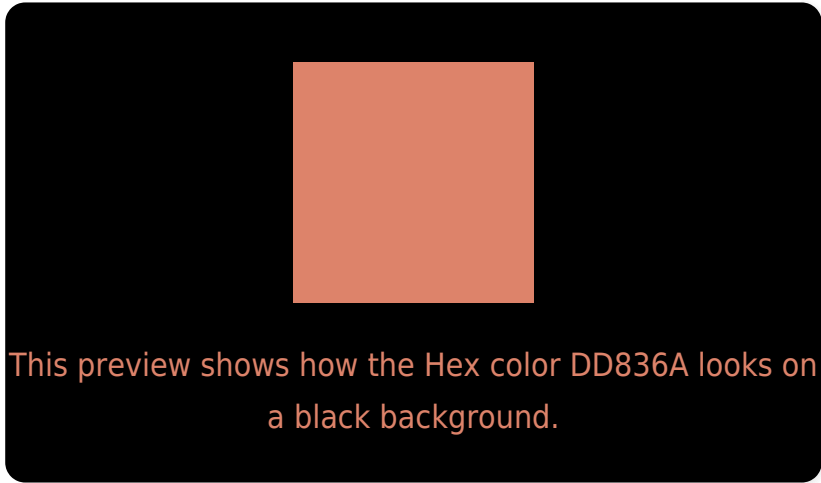
Large Text (above 18pt) WCAG AA × Fail

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

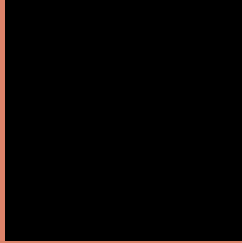
Any Text WCAG AA ✓ Pass

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 DD836A Background



This preview shows how black text looks on a background with the Hex color DD836A.

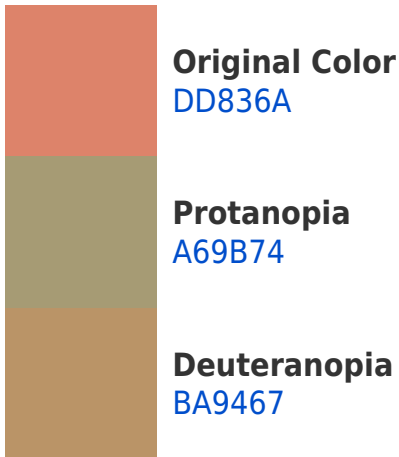


This preview shows how white text looks on a background with the Hex color DD836A.

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
DF7F88

Trichromacy



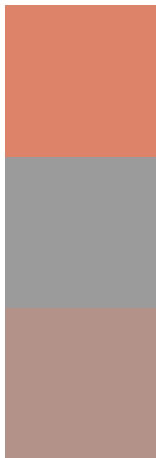
Original Color
DD836A

Protanomaly
BA9270

Deuteranomaly
C78E68

Tritanomaly
DE807D

Monochromacy



Original Color
DD836A

Achromatopsia
9B9B9B

Achromatomaly
B39289

CSS Examples

Text

The CSS property to change the color of the text to Hex DD836A 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 #DD836A looks like.

```
.text, #text, p{  
    color:#DD836A  
}
```

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 #DD836A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD836A
}
```

Border

The CSS property to change the border of an element to Hex DD836A 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
#DD836A }
```

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

```
.border{ border-color:#DD836A }
```

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

Here you see how a box with a 4 pixel #DD836A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD836A; -webkit-box-shadow:4px 4px  
4px 4px #DD836A; box-shadow:4px 4px 4px  
4px #DD836A }
```

Background

The CSS property to change the background color of an element to Hex DD836A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD836A }
```

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

```
.background{ background-color:#DD836A }
```

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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