

Converting Colors

Hex(DDAA88)

Have a look what the booklet for
Hex(DDAA88) contains.

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Color

Hex(DDAA88)

Conversions

Conversions Part 1

Format	Color
Hex	DDAA88
RGB	221, 170, 136
RGB Percent	87%, 67%, 53%
CMY	0.1333, 0.3333, 0.4667
CMYK	0.00, 0.23, 0.38, 0.13
HSL	24°, 56%, 70%
HSV	24°, 38%, 87%
XYZ	48.6375, 45.8992, 29.5885
YIQ	181.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

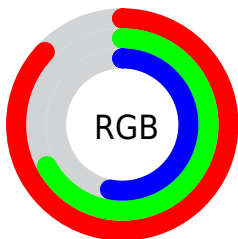
Format	Color
R_{YB}	221, 193, 136
Decimal	14527112
CIE _{Lab}	73.48, 14.24, 24.73
CIE _{LCh}	73, 28.537, 60.073
Yxy	45.8992, 0.3918, 0.3698
Android (android.graphics.Color)	4292717192 (0xFFDDAA88)
YUV	181.3730, -22.3689, 34.7529
Hunter-Lab	67.7489, 9.5858, 21.5301

Details

The Hex color **DDAA88** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **88BBDD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE1BE**, and **A47656** is the 20% darker color. If you saturate the color by 10%, you get **DD9D72**, and if you desaturate by 10%, it is **DDB79E**.

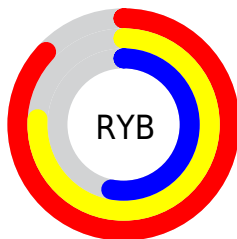
Distribution



Red (87%)

Green (67%)

Blue (53%)



Red (87%)

Yellow (76%)

Blue (53%)

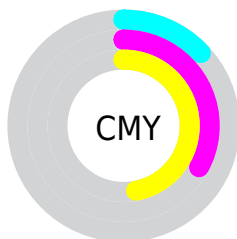


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDAA88 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 DDAA88 by changing the saturation by 10% instead.

 DDAA88

 DDAA88

FFFFFF

 C08F6E

 FFE1BE

 A47656

 FFFED9

 895D3E

 FFFFF6

 6E4528

 542F13

 3B1900

 230100

 000000

 DDAA88

 DDAA88

 DD9D72

 DDB79E

 DD8F5C

 DDC5B4

 DD8246

 DDD2CA

 DD7530

 DDDFE0

 DD6819

 DDECF7

 DD5A03

 DDFAFF

 DD5800

 DDFFFF

Harmonies

Analogous

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



E9A39C



DDAA88



C7B380

Triad

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



DDAA88



72C3B4



B9AEE2

Complementary

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



DDAA88



88BBDD

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.



94B7E8



DDAA88



64C2CE

Square

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



DDAA88



8DC09A



72BEE1



D6A5CF

Rectangle

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



DDAA88



B5B883



72BEE1



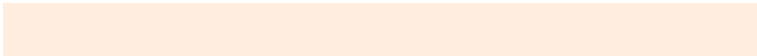
ADB1E5

Sweetspot

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



DDAA88



FFEDE0



DD88BB



80756E



000000



808080

Same Dimension

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



DDAA88



FFB98A



DDD388



6E6763



AD4500



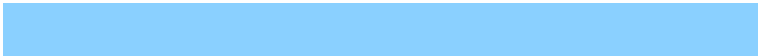
2E1200

Inverse Universe

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



88BBDD



8AD0FF



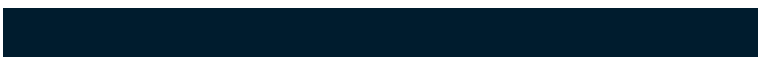
8890DD



63696E



0068AD



001C2E

Previews

White Background



This preview shows how the Hex color DDAA88 looks on a white background.

Color Contrast Check

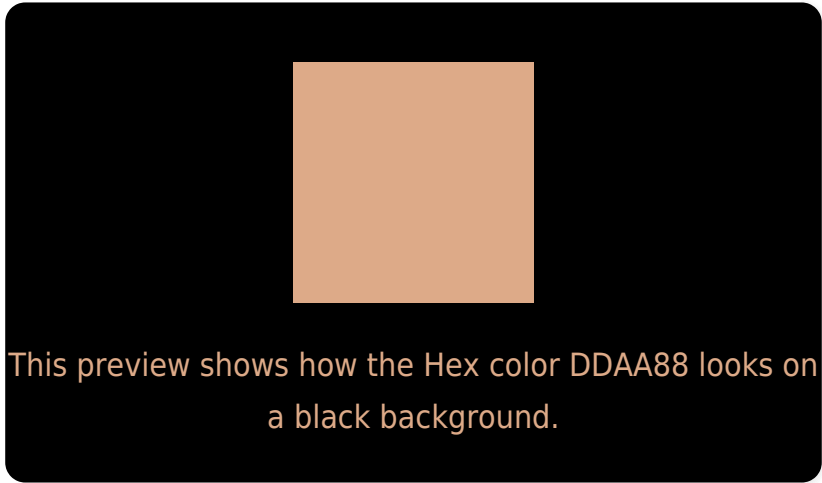
Large Text (above 18pt) WCAG AA × Fail

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

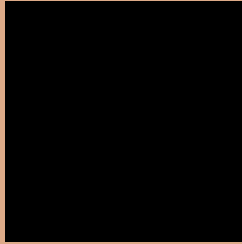
Any Text WCAG AA ✓ Pass

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 DDAA88 Background



This preview shows how black text looks on a background with the Hex color DDAA88.

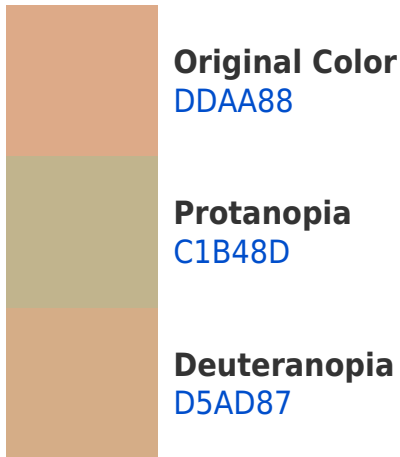


This preview shows how white text looks on a background with the Hex color DDAA88.

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](#).

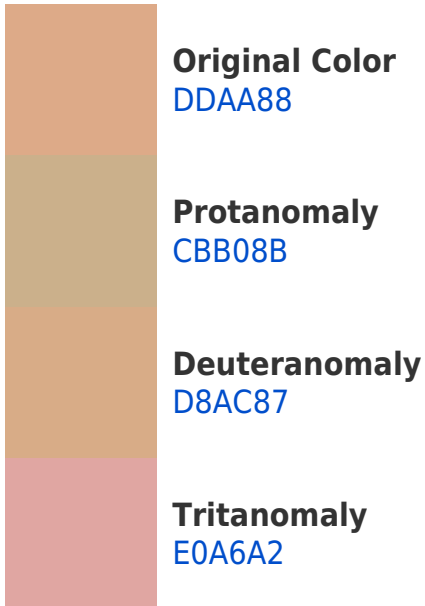
Dichromacy



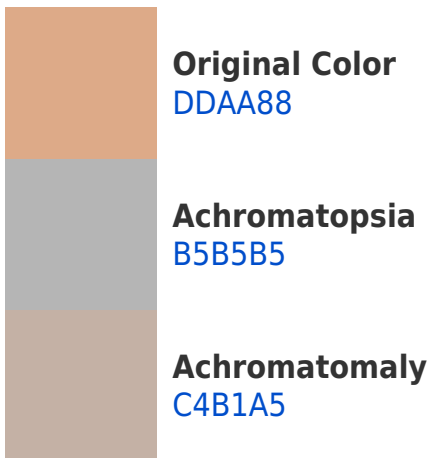


Tritanopia
E1A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDAA88 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 #DDAA88 looks like.

```
.text, #text, p{  
    color:#DDAA88  
}
```

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 #DDAA88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDAA88  
}
```

Border

The CSS property to change the border of an element to Hex DDAA88 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  
#DDAA88 }
```

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

```
.border{ border-color:#DDAA88 }
```

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

Here you see how a box with a 4 pixel #DDAA88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDAA88; -webkit-box-shadow:4px 4px  
4px 4px #DDAA88; box-shadow:4px 4px 4px  
4px #DDAA88 }
```

Background

The CSS property to change the background color of an element to Hex DDAA88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDAA88 }
```

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

```
.background{ background-color:#DDAA88 }
```

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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