

# Converting Colors

Hex(DDAA84)

Have a look what the booklet for  
Hex(DDAA84) contains.

<b>Hex(DDAA84)</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(DDAA84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDAA84
RGB	221, 170, 132
RGB Percent	87%, 67%, 52%
CMY	0.1333, 0.3333, 0.4824
CMYK	0.00, 0.23, 0.40, 0.13
HSL	26°, 57%, 69%
HSV	26°, 40%, 87%
XYZ	48.3584, 45.7875, 28.1189
YIQ	180.9170, 42.5940, -1.0060

# Conversions

## Conversions Part 2

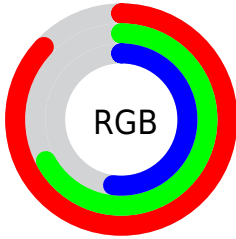
Format	Color
R <sub>Y</sub> B	221, 198, 132
Decimal	14527108
CIE Lab	73.41, 13.78, 26.79
CIE LCh	73, 30.126, 62.772
Yxy	45.7875, 0.3955, 0.3745
Android (android.graphics.Color)	4292717188 (0xFFDDAA84)
YUV	180.9170, -24.1161, 35.1528
Hunter-Lab	67.6665, 9.1500, 22.7285

# Details

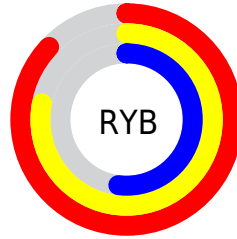
The Hex color **DDAA84** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **84B7DD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE1B9**, and **A47652** is the 20% darker color. If you saturate the color by 10%, you get **DD9D6E**, and if you desaturate by 10%, it is **DDB79A**.

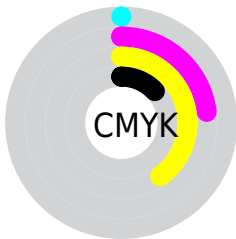
# Distribution



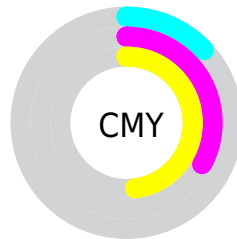
- Red (87%)
- Green (67%)
- Blue (52%)



- Red (87%)
- Yellow (78%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDAA84 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 DDAA84 by changing the saturation by 10% instead.



 DDAA84

 DDAA84

FFFFFF

 C08F6B

 FFE1B9

 A47652

 FFFED5

 895D3B

 FFFFF2

 6E4524

 542F0F

 3B1A00

 230100

 000000

 DDAA84

 DDAA84

 DD9D6E

 DDB79A

 DD9158

 DDC3B0

 DD8442

 DDD0C6

 DD772C

 DDDDDC

 DD6B15

 DDE9F3

 DD5E00

 DDF6FF

 DDFFFF

# Harmonies

## Analogous

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



EAA298



DDAA84



C5B37D

# Triad

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



DDAA84



6AC4B6



BCACE3

# Complementary

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



DDAA84



84B7DD

# 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.



94B6EB



DDAA84



5DC3D1

# Square

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



DDAA84



88C19A



6FBEE5



DAA4CE

# Rectangle

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



DDAA84



B2B981



6FBEE5



AFB0E7

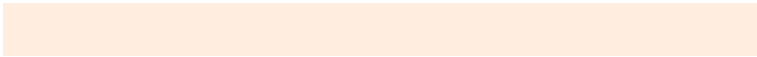


# Sweetspot

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



DDAA84



FFEDE0



DD84B8



80756E



000000



808080



# Same Dimension

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



DDAA84



FFB985



DDD684



6E6763



AD4A00



2E1400

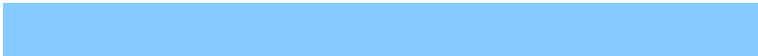


# Inverse Universe

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



84B7DD



85CBFF



848BDD



63696E



0063AD



001A2E



# Previews

## White Background



This preview shows how the Hex color DDAA84 looks on a white background.

## Color Contrast Check

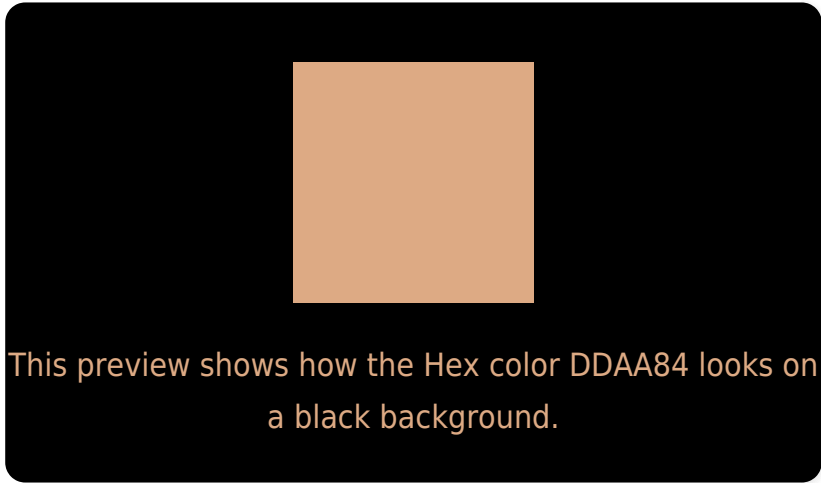
Large Text (above 18pt) WCAG AA × Fail

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

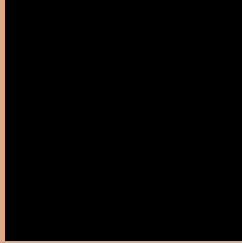
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDAA84 Background



This preview shows how black text looks on a background with the Hex color DDAA84.

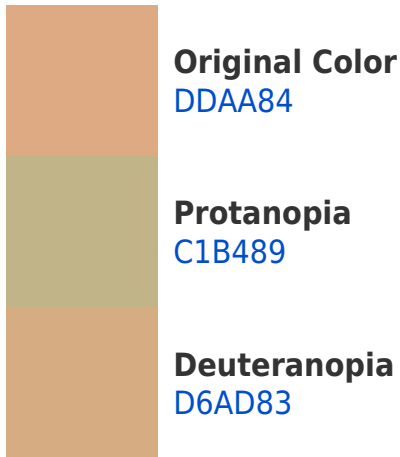


This preview shows how white text looks on a background with the Hex color DDAA84.

# 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](#).

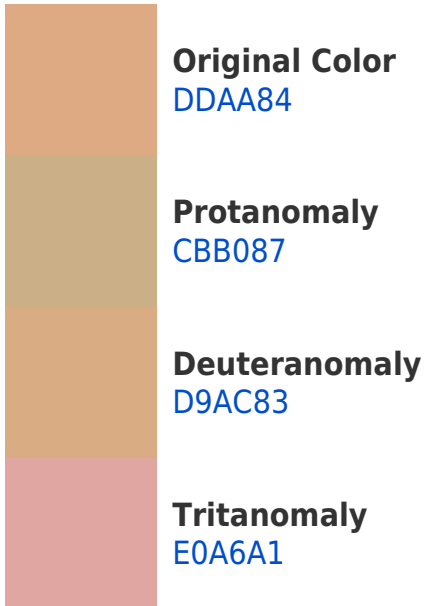
## Dichromacy



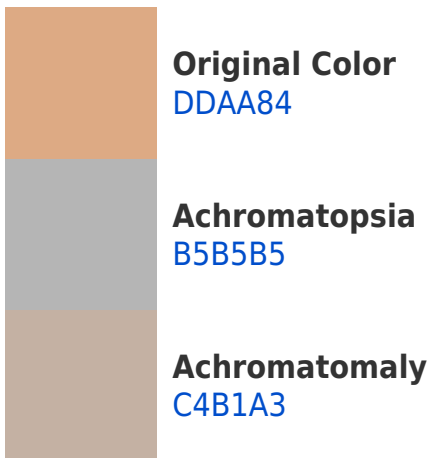


**Tritanopia**  
E1A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDAA84 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 #DDAA84 looks like.

```
.text, #text, p{  
    color:#DDAA84  
}
```

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 #DDAA84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDAA84
}
```

## Border

The CSS property to change the border of an element to Hex DDAA84 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
#DDAA84 }
```

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

```
.border{ border-color:#DDAA84 }
```

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

Here you see how a box with a 4 pixel #DDAA84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDAA84; -webkit-box-shadow:4px 4px  
4px 4px #DDAA84; box-shadow:4px 4px 4px  
4px #DDAA84 }
```

# Background

The CSS property to change the background color of an element to Hex DDAA84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDAA84 }
```

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

```
.background{ background-color:#DDAA84 }
```

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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