

Converting Colors

Hex(DAA168)

Have a look what the booklet for
Hex(DAA168) contains.

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Color

Hex(DAA168)

Conversions

Conversions Part 1

Format	Color
Hex	DAA168
RGB	218, 161, 104
RGB Percent	85%, 63%, 41%
CMY	0.1451, 0.3686, 0.5922
CMYK	0.00, 0.26, 0.52, 0.15
HSL	30°, 61%, 63%
HSV	30°, 52%, 85%
XYZ	44.1570, 41.3946, 18.7593
YIQ	171.5450, 52.2690, -5.6430

Conversions

Conversions Part 2

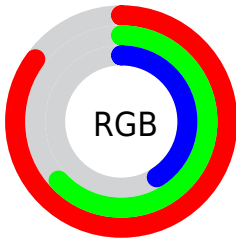
Format	Color
RYB	218, 218, 104
Decimal	14328168
CIELab	70.45, 14.61, 37.77
CIElCh	70, 40.495, 68.847
Yxy	41.3946, 0.4233, 0.3968
Android (android.graphics.Color)	4292518248 (0xFFDAA168)
YUV	171.5450, -33.2997, 40.7410
Hunter-Lab	64.3387, 9.9157, 27.7498

Details

The Hex color **DAA168** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68A1DA**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD89C**, and **A06D37** is the 20% darker color. If you saturate the color by 10%, you get **DA9652**, and if you desaturate by 10%, it is **DAAC7E**.

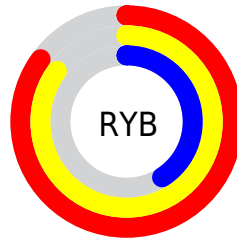
Distribution



Red (85%)

Green (63%)

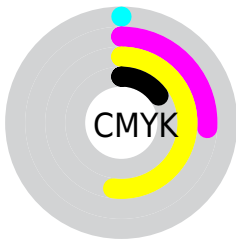
Blue (41%)



Red (85%)

Yellow (85%)

Blue (41%)

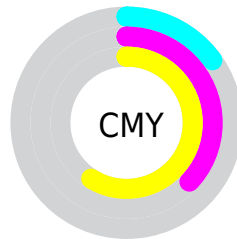


Cyan (0%)

Magenta (26%)

Yellow (52%)

Black (15%)



Cyan (15%)

Magenta (37%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAA168 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 DAA168 by changing the saturation by 10% instead.

 DAA168

 DAA168

FFFFFF

 BD874F

 FFD89C

 A06D37

 FFF4B7

 845520

 FFFFD3

 693E07

 FFFFF0

 4E2800

 341300

 1D0000

 000000

 DAA168

 DAA168

 DA9652

 DAAC7E

 DA8B3C

 DAB794

 DA8027

 DAC2A9

 DA7511

 DACDBF

 DA6D00

 DAD8D5

 DAE2EB

 DAEDFF

 DAF8FF

 DAFFFF

Harmonies

Analogous

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



EF9580



DAA168



B9AE62

Triad

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



DAA168



22C0B6



BE9FE6

Complementary

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



DAA168



68A1DA

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.



88ACF5



DAA168



00BED9

Square

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



DAA168



63BE91



40B7F0



E393C8

Rectangle

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



DAA168



9FB56A



40B7F0



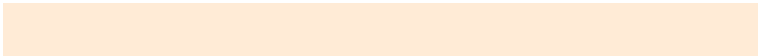
AEA3ED

Sweetspot

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



DAA168



FFEBD6



DA68A1



807367



000000



808080

Same Dimension

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



DAA168



FFAF5E



DADA68



6E6863



AD5700



2E1700

Inverse Universe

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



68A1DA



5EAFFF



6868DA



63686E



0057AD



00172E

Previews

White Background



This preview shows how the Hex color DAA168 looks on a white background.

Color Contrast Check

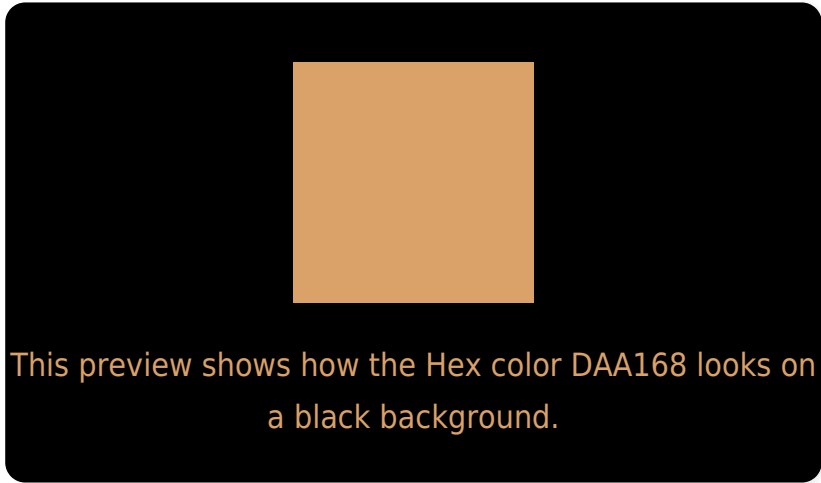
Large Text (above 18pt) WCAG AA × Fail

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

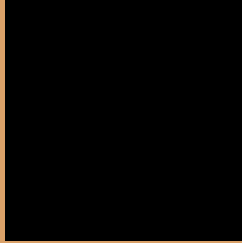
Any Text WCAG AA ✓ Pass

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 DAA168 Background



This preview shows how black text looks on a background with the Hex color DAA168.



This preview shows how white text looks on a background with the Hex color DAA168.

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
DAA168

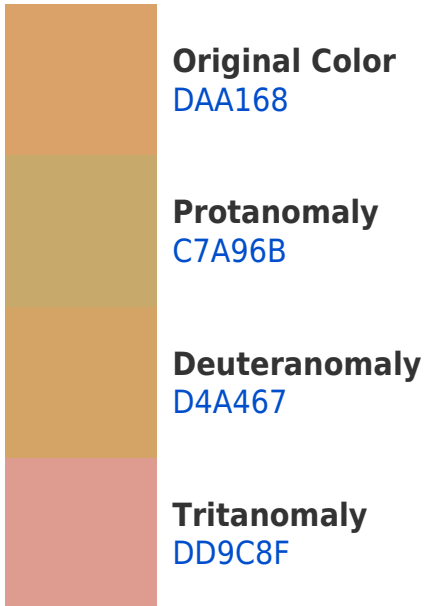
Protanopia
BCAD6C

Deuteranopia
D1A567

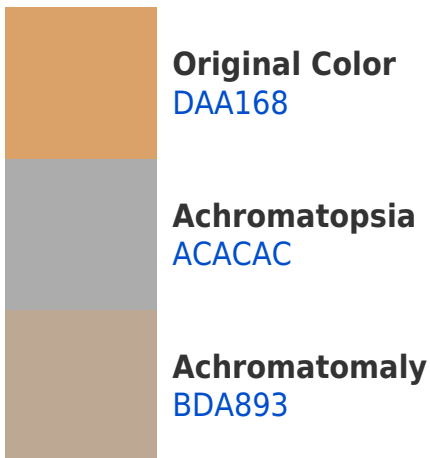


Tritanopia
DF99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAA168 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 #DAA168 looks like.

```
.text, #text, p{  
    color:#DAA168  
}
```

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 #DAA168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA168
}
```

Border

The CSS property to change the border of an element to Hex DAA168 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
#DAA168 }
```

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

```
.border{ border-color:#DAA168 }
```

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

Here you see how a box with a 4 pixel #DAA168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA168; -webkit-box-shadow:4px 4px  
4px 4px #DAA168; box-shadow:4px 4px 4px  
4px #DAA168 }
```

Background

The CSS property to change the background color of an element to Hex DAA168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA168 }
```

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

```
.background{ background-color:#DAA168 }
```

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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