

Converting Colors

Hex(A68A00)

Have a look what the booklet for
Hex(A68A00) contains.

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Color

Hex(A68A00)

Conversions

Conversions Part 1

Format	Color
Hex	A68A00
RGB	166, 138, 0
RGB Percent	65%, 54%, 0%
CMY	0.3490, 0.4588, 1.0000
CMYK	0.00, 0.17, 1.00, 0.35
HSL	50°, 100%, 33%
HSV	50°, 100%, 65%
XYZ	24.8144, 26.2839, 3.7655
YIQ	130.6400, 60.9860, -36.9820

Conversions

Conversions Part 2

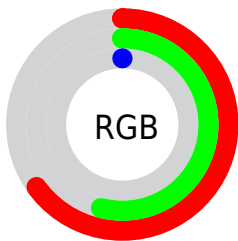
Format	Color
RYB	34, 166, 0
Decimal	10914304
CIELab	58.31, -0.72, 62.95
CIELCh	58, 62.957, 90.654
Yxy	26.2839, 0.4523, 0.4791
Android (android.graphics.Color)	4289104384 (0xFFA68A00)
YUV	130.6400, -64.4055, 31.0107
Hunter-Lab	51.2679, -3.3223, 31.5329

Details

The Hex color **A68A00** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **001CA6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E1BF46**, and **6D5900** is the 20% darker color. If you saturate the color by 10%, you get **A68A00**, and if you desaturate by 10%, it is **A68D11**.

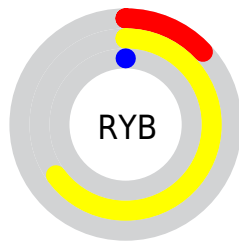
Distribution



Red (65%)

Green (54%)

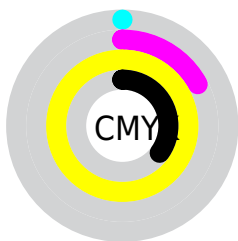
Blue (0%)



Red (13%)

Yellow (65%)

Blue (0%)

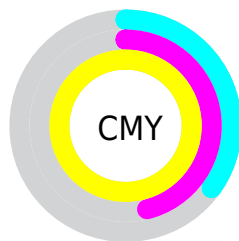


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68A00 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 A68A00 by changing the saturation by 10% instead.

 A68A00

 A68A00

FFFFFF

 897100

 E1BF46

 6D5900

 FFDB61

 524200

 FFF77C

 372C00

 FFFF98

 1F1800

 FFFFB4

 000000

 FFFF00

 FFFFED

 A68A00

 A68D11

 A69021

 A69232

 A69542

 A69853

 A69B64

 A69E74

 A6A085

 A6A395

Harmonies

Analogous

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



D17528



A68A00



6F9920

Triad

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



A68A00



00A5C3



CF64C3

Complementary

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



A68A00



001CA6

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.



8C7DEC



A68A00



009FEC

Square

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



A68A00



00A68C



0092FB



EC558D

Rectangle

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



A68A00



3BA041



0092FB



BD6CD3

Sweetspot

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



A68A00



D9CE98



A6001E



6E6746



EDEDED



6E6E6E

Same Dimension

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



A68A00



D9B400



71A600



54534C



947B00



141100

Inverse Universe

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



001CA6



0025D9



3500A6



4C4D54



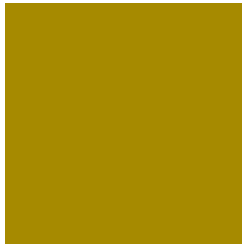
001994



000314

Previews

White Background



This preview shows how the Hex color A68A00 looks on a white background.

Color Contrast Check

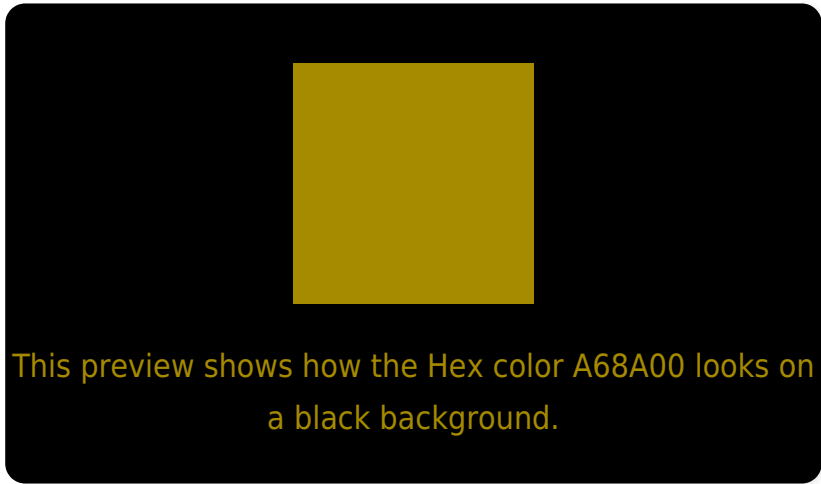
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex A68A00 Background



This preview shows how black text looks on a background with the Hex color A68A00.

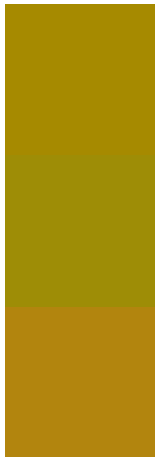


This preview shows how white text looks on a background with the Hex color A68A00.

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
A68A00

Protanopia
9E8D06

Deuteranopia
B2850E

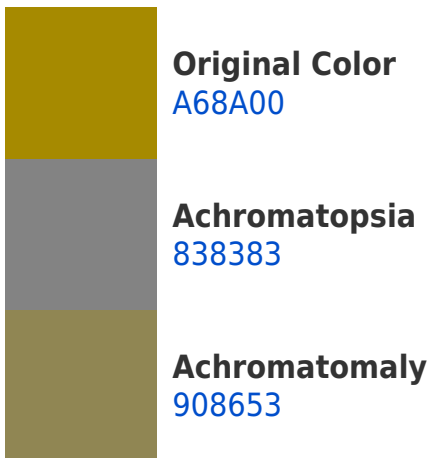


Tritanopia
AD808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A68A00 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 #A68A00 looks like.

```
.text, #text, p{  
    color:#A68A00  
}
```

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 #A68A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68A00
}
```

Border

The CSS property to change the border of an element to Hex A68A00 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
#A68A00 }
```

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

```
.border{ border-color:#A68A00 }
```

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

Here you see how a box with a 4 pixel #A68A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68A00; -webkit-box-shadow:4px 4px  
4px 4px #A68A00; box-shadow:4px 4px 4px  
4px #A68A00 }
```

Background

The CSS property to change the background color of an element to Hex A68A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68A00 }
```

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

```
.background{ background-color:#A68A00 }
```

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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