

Converting Colors

Hex(A68600)

Have a look what the booklet for
Hex(A68600) contains.

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Color

Hex(A68600)

Conversions

Conversions Part 1

Format	Color
Hex	A68600
RGB	166, 134, 0
RGB Percent	65%, 53%, 0%
CMY	0.3490, 0.4745, 1.0000
CMYK	0.00, 0.19, 1.00, 0.35
HSL	48°, 100%, 33%
HSV	48°, 100%, 65%
XYZ	24.2510, 25.1572, 3.5777
YIQ	128.2920, 62.0860, -34.8900

Conversions

Conversions Part 2

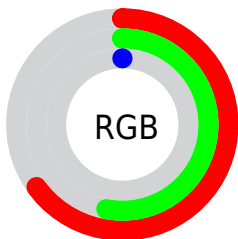
Format	Color
RYB	40, 166, 0
Decimal	10913280
CIELab	57.23, 1.49, 62.20
CIElCh	57, 62.215, 88.629
Yxy	25.1572, 0.4577, 0.4748
Android (android.graphics.Color)	4289103360 (0xFFA68600)
YUV	128.2920, -63.2480, 33.0699
Hunter-Lab	50.1569, -1.4695, 30.8807

Details

The Hex color **A68600** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0020A6**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E1BB45**, and **6D5500** is the 20% darker color. If you saturate the color by 10%, you get **A68600**, and if you desaturate by 10%, it is **A68911**.

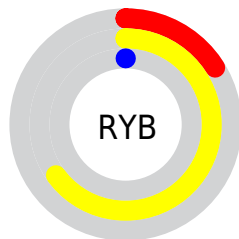
Distribution



Red (65%)

Green (53%)

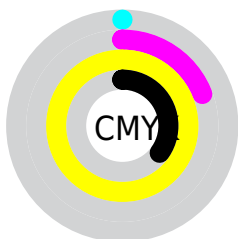
Blue (0%)



Red (16%)

Yellow (65%)

Blue (0%)

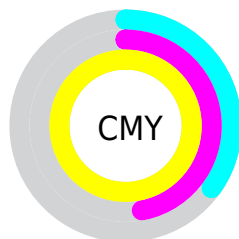


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68600 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 A68600 by changing the saturation by 10% instead.

 A68600

 A68600

FFFFFF

 896D00

 E1BB45

 6D5500

 FFD660

 523E00

 FFF37B

 372900

 FFFF97

 1F1500

 FFFFB2

 000000

 FFFFCE

 FFFFEC

 A68600

 A68911

 A68C21

 A69032

 A69342

 A69653

 A69964

 A69C74

 A6A085

 A6A395

Harmonies

Analogous

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



CF702A



A68600



71951C

Triad

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



A68600



00A2BC



C863C3

Complementary

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



A68600



0020A6

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.



837CE9



A68600



009DE6

Square

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



A68600



00A285



0091F6



E7538E

Rectangle

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



A68600



409C3C



0091F6



B66BD2

Sweetspot

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



A68600



D9CC98



A60021



6E6646



EDEDED



6E6E6E

Same Dimension

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



A68600



D9AF00



74A600



54534C



947700



141000

Inverse Universe

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



0020A6



002AD9



3200A6



4C4D54



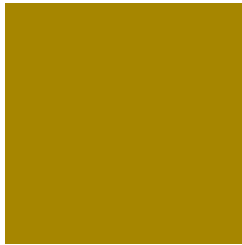
001D94



000414

Previews

White Background



This preview shows how the Hex color A68600 looks on a white background.

Color Contrast Check

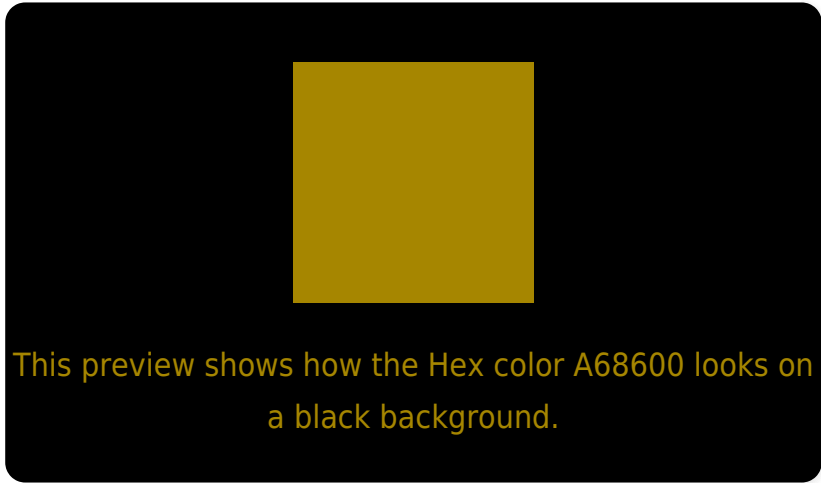
Large Text (above 18pt) WCAG AA ✓ Pass

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 A68600 Background



This preview shows how black text looks on a background with the Hex color A68600.

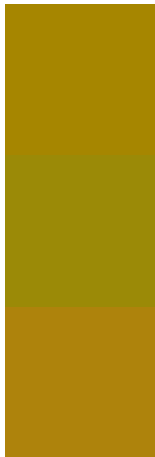


This preview shows how white text looks on a background with the Hex color A68600.

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
A68600

Protanopia
9B8A07

Deuteranopia
AE830C

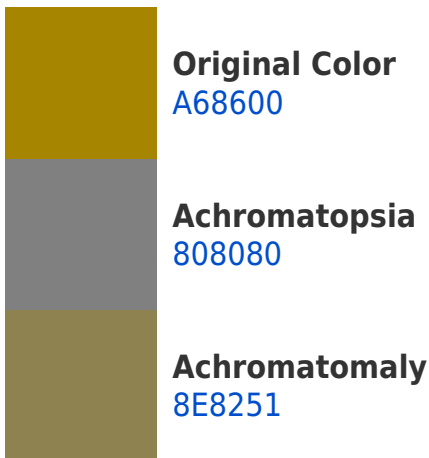


Tritanopia
AD7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A68600 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 #A68600 looks like.

```
.text, #text, p{  
    color:#A68600  
}
```

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 #A68600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68600
}
```

Border

The CSS property to change the border of an element to Hex A68600 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
#A68600 }
```

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

```
.border{ border-color:#A68600 }
```

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

Here you see how a box with a 4 pixel #A68600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68600; -webkit-box-shadow:4px 4px  
4px 4px #A68600; box-shadow:4px 4px 4px  
4px #A68600 }
```

Background

The CSS property to change the background color of an element to Hex A68600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68600 }
```

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

```
.background{ background-color:#A68600 }
```

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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