

Converting Colors

Hex(A86B28)

Have a look what the booklet for
Hex(A86B28) contains.

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Color

Hex(A86B28)

Conversions

Conversions Part 1

Format	Color
Hex	A86B28
RGB	168, 107, 40
RGB Percent	66%, 42%, 16%
CMY	0.3412, 0.5804, 0.8431
CMYK	0.00, 0.36, 0.76, 0.34
HSL	31°, 62%, 41%
HSV	31°, 76%, 66%
XYZ	21.7891, 18.9934, 4.5252
YIQ	117.6010, 57.8630, -7.9050

Conversions

Conversions Part 2

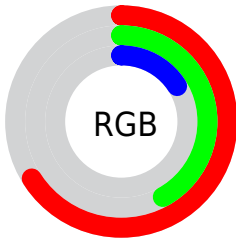
Format	Color
RYB	157, 168, 40
Decimal	11037480
CIELab	50.68, 18.60, 45.69
CIElCh	51, 49.329, 67.849
Yxy	18.9934, 0.4809, 0.4192
Android (android.graphics.Color)	4289227560 (0xFFA86B28)
YUV	117.6010, -38.2573, 44.1999
Hunter-Lab	43.5814, 12.9760, 24.3508

Details

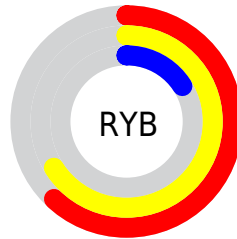
The Hex color **A86B28** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2865A8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E39F5A**, and **6F3B00** is the 20% darker color. If you saturate the color by 10%, you get **A86317**, and if you desaturate by 10%, it is **A87339**.

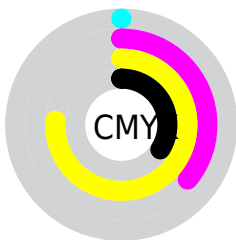
Distribution



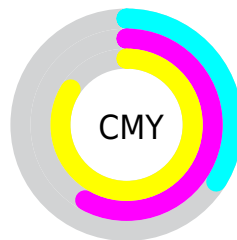
- Red (66%)
- Green (42%)
- Blue (16%)



- Red (62%)
- Yellow (66%)
- Blue (16%)



- Cyan (0%)
- Magenta (36%)
- Yellow (76%)
- Black (34%)



- Cyan (34%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A86B28 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 A86B28 by changing the saturation by 10% instead.

 A86B28

 A86B28

FFFFFF

 8B530D

 E39F5A

 6F3B00

 FFBA73

 532500

 FFD58D

 381000

 FFF2A8

 220000

 FFFFC4

 000000

 FFFFEO

 FFFFFD

 A86B28

 A86B28

 A86317

 A87339

 A85B06

 A87B4A

 A85800

 A8835A

 A88B6B

 A8937C

 A89B8D

 A8A39E

 A8ABAE

 A8B3BF

Harmonies

Analogous

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



BF5B47



A86B28



857A1D

Triad

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



A86B28



008D83



8969BB

Complementary

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



A86B28



2865A8

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.



367ACC



A86B28



008CAB

Square

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



A86B28



008B57



0086C6



B45899

Rectangle

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



A86B28



688228



0086C6



746FC3

Sweetspot

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



A86B28



DBC3A9



A82866



6E5F4F



EDEDED



6E6E6E

Same Dimension

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



A86B28



DB7C14



A6A828



54504C



944D00



140B00

Inverse Universe

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



2865A8



1473DB



2A28A8



4C5054



004694



000A14

Previews

White Background



This preview shows how the Hex color A86B28 looks on a white background.

Color Contrast Check

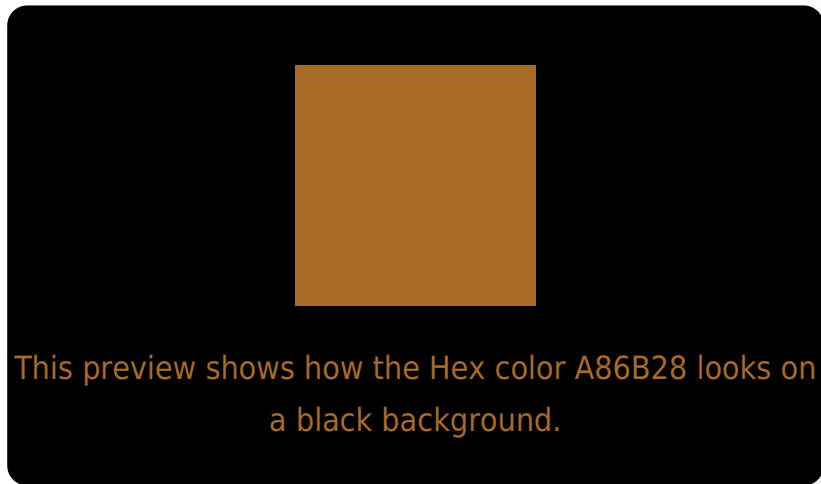
Large Text (above 18pt) WCAG AA ✓ Pass

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

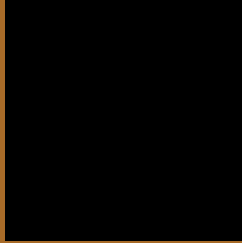
Any Text WCAG AA ✓ Pass

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 A86B28 Background



This preview shows how black text looks on a background with the Hex color A86B28.



This preview shows how white text looks on a background with the Hex color A86B28.

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
A86B28

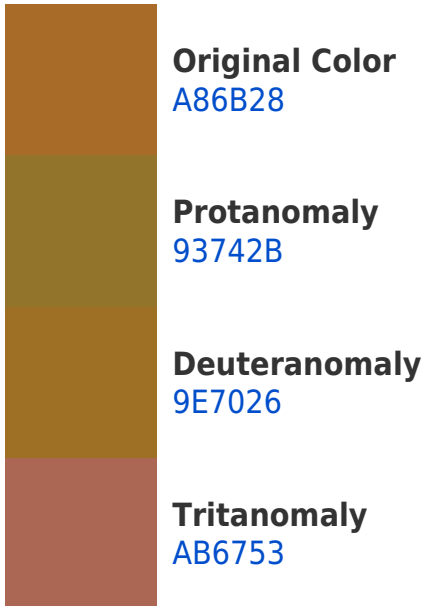
Protanopia
87792C

Deuteranopia
987325

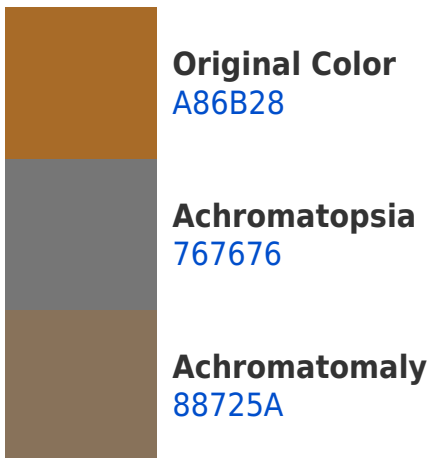


Tritanopia
AC646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A86B28 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 #A86B28 looks like.

```
.text, #text, p{  
    color:#A86B28  
}
```

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 #A86B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86B28
}
```

Border

The CSS property to change the border of an element to Hex A86B28 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
#A86B28 }
```

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

```
.border{ border-color:#A86B28 }
```

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

Here you see how a box with a 4 pixel #A86B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86B28; -webkit-box-shadow:4px 4px  
4px 4px #A86B28; box-shadow:4px 4px 4px  
4px #A86B28 }
```

Background

The CSS property to change the background color of an element to Hex A86B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86B28 }
```

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

```
.background{ background-color:#A86B28 }
```

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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